

# GUIDELINE ON THE PRUDENT PRESCRIPTION OF ANTIBIOTICS IN THE DENTAL OFFICE

## SUPPLEMENT



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ROOS LEROY, JOLYCE BOURGEOIS, LEEN VERLEYE, DOMINIQUE DECLERCK, PIETER DEPUYDT, ANOUK ELOOT, JOANA C CARVALHO, WIM TEUGHELS, RITA CAUWELS, JULIAN LEPRINCE, SELENA TOMA, KATLEEN MICHELS, SAM ARYANPOUR, ASTRID VANDEN ABEELE, MIEKE DE BRUYNE



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- The members of the guideline development group and the stakeholders were consulted during the development of the scientific report. Their comments were discussed during meetings.
- Subsequently, a (final) version was submitted to the validators. The validation of the report results from a consensus or a voting process between the validators. The validators did not co-author the scientific report and did not necessarily all three agree with its content.
- Finally, this report has been approved by common assent by the Executive Board.
- Only the KCE is responsible for errors or omissions that could persist. The policy recommendations are also under the full responsibility of the KCE.

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# 1 SCOPING SEARCH FOR GUIDELINES AND SYSTEMATIC REVIEWS

## 1.1 Ovid MEDLINE

Date	11 June 2019	Results
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to September 27, 2019>	
Search strategy		
ID	Search	Results
1	tooth diseases/ or dental pulp diseases/ or dental pulp necrosis/ or pulpitis/ or tooth, nonvital/ or focal infection, dental/ or tooth injuries/ or tooth avulsion/ or tooth fractures/ or toothache/ or Tooth, Impacted/	34 383
2	Jaw Diseases/	4 294
3	Mouth Diseases/	17 287
4	periodontal diseases/ or pericoronitis/ or peri-implantitis/ or periapical diseases/ or periapical periodontitis/ or periodontitis/ or aggressive periodontitis/ or chronic periodontitis/ or periodontal abscess/	49 823
5	Periapical Periodontitis/	2 366
6	gingivitis, necrotizing ulcerative/ or periapical abscess/	2 916
7	exp jaw edentulous/	8 056
8	exp dental implants/	21 900
9	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8	124 219
10	(tooth adj3 diseases).ti,kf,jw.	150
11	dental pulp diseases.ti,kf,jw.	179
12	jaw diseases.ti,kf,jw.	50
13	mouth diseases.ti,kf,jw.	963
14	periodontal diseases.ti,kf,jw.	3 127
15	periapical diseases.ti,kf,jw.	54
16	dental pulp diseases.ti,kf,jw.	179
17	(dental pulp adj3 necro*).ti,kf,jw.	31
18	pulpitis.ti,kf,jw.	799



19	pulpitudes.ti,kf,jw.	1
20	(endodontic adj3 inflammation?).ti,jw,kf.	5
21	(dental pulp adj3 (necro* or gangrene? or autolys* or mummification?)).ti,kf,jw.	75
22	((tooth or teeth) adj3 (devitaliz* or nonvital or endodontically-treated or pulpless)).ti,kf,jw.	1 265
23	(focal infection adj3 dental).ti,kf,jw.	157
24	((tooth or teeth) adj3 injur*).ti,kf,jw.	553
25	((tooth or teeth) adj3 (avulsion? or avulsed or dislocation? or luxation?)).ti,kf,jw.	495
26	((tooth or teeth) adj3 (fracture? or rupture?)).ti,kf,jw.	912
27	toothache.ti,kf,jw.	396
28	odontalgia?.ti,kf,jw.	126
29	pericoroniti*.ti,kf,jw.	116
30	peri?implantiti*.ti,kf,jw.	65
31	periodontiti*.ti,kf,jw.	13 169
32	pericementiti*.ti,kf,jw.	12
33	(periodontal adj3 abscess*).ti,jw,kf.	125
34	(periapical adj3 abscess*).ti,kf,jw.	124
35	((abscess* adj3 (alveolar or dentoalveolar)) and apical).ti,kf,jw.	0
36	(abscess* adj3 (alveolar or dentoalveolar)).ti,kf,jw.	99
37	acute membranous gingiviti*.ti,kf,jw.	0
38	fusospirillary gingiviti*.ti,kf,jw.	0
39	fusospirilos*.ti,kf,jw.	0
40	phagedenic gingiviti*.ti,kf,jw.	0
41	trench mouth.ti,kf,jw.	13
42	(ulcerative gingivitis adj3 necro*).ti,kf,jw.	151
43	(vincent* adj3 (stomatitis or infection? or gingivitis or angina)).ti,kf,jw.	245
44	(ulcerative adj3 stomatiti*).ti,kf,jw.	125
45	((tooth or teeth) adj3 impacted).ti,kf,jw.	998

46	10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45	23 864
47	*tooth diseases/ or *dental pulp diseases/ or *dental pulp necrosis/ or *pulpitis/ or *tooth, nonvital/ or *focal infection, dental/ or *tooth injuries/ or *tooth avulsion/ or *tooth fractures/ or *toothache/ or *Jaw Diseases/ or *Mouth Diseases/ or (*periodontal diseases/ or *pericoronitis/ or *peri-implantitis/ or *periapical diseases/ or *periapical periodontitis/ or *periodontitis/ or *aggressive periodontitis/ or *chronic periodontitis/ or *periodontal abscess/) or *Periapical Periodontitis/ or (*gingivitis, necrotizing ulcerative/ or *periapical abscess/ or exp *dental implants/ or exp *jaw edentulous/ or *Tooth, Impacted/)	94 395
48	46 or 47	100 616
49	(Alamethicin or Amdinocillin or Amdinocillin Pivoxil or Amikacin or Amoxicillin or Amoxicillin-Potassium Clavulanate Combination or Amphotericin B or Ampicillin or Anisomycin or Antimycin A or Aurodox or Azithromycin or Azlocillin or Aztreonam or Bacitracin or Bacteriocins or Bambermycins or Bongrekic Acid or Brefeldin A or Butirosin Sulfate or Calcimycin or Candicidin or Capreomycin or Carbenicillin or Carbefecillin or Cefadroxil or Cefamandole or Cefatrizine or Cefazolin or Cefdinir or Cefepime or Cefixime or Cefmenoxime or Cefmetazole or Cefonicid or Cefoperazone or Cefotaxime or Cefotetan or Cefotiam or Cefoxitin or Cefsulodin or Ceftazidime or Ceftibuten or Ceftizoxime or Ceftriaxone or Cefuroxime or Cephacetrile or Cephalexin or Cephaloglycin or Cephaloridine or Cephalosporins or Cephalothin or Cephamicins or Cephapirin or Cephradine or Chloramphenicol or Chlortetracycline or Cilastatin, Imipenem Drug Combination or Ciprofloxacin or Citrinin or Clarithromycin or Clavulanic Acids or Clindamycin or Cloxacillin or Colistin or Cyclacillin or Dactinomycin or Daptomycin or Demeclocycline or Dibekacin or Dicloxacillin or Dihydrostreptomycin Sulfate or Diketopiperazines or Distamycins or Doripenem or Doxycycline or Echinomycin or Edeine or Enoxacin or Enrofloxacin or Enviomycin or Ertapenem or Erythromycin Estolate or Erythromycin Ethylsuccinate or Fidaxomicin or Filipin or Floxacillin or Fluoroquinolones or Fosfomycin or Framycetin or Fusidic Acid or Gatifloxacin or Gemifloxacin or Gentamicins or Gramicidin or Hygromycin B or Imipenem or Josamycin or Kanamycin or Kitasamycin or Lactams or Lasalocid or Leucomycins or Levofloxacin or Lincomycin or Lincosamides or Linezolid or Lucensomycin or Lymecycline or Mafenide or Mepartinicin or Meropenem or Methacycline or Methicillin or Metronidazole or Mezlocillin or Mikamycin or Minocycline or Miocamycin or Moxalactam or Moxifloxacin or Mupirocin or Mycobacillin or Nafcillin or Nalidixic Acid or Natamycin or Nebramycin or Neomycin or Netilmicin or Netropsin or Nigericin or Nisin or Nitrofurantoin or Norfloxacin or Novobiocin or Nystatin or Ofloxacin or Oleandomycin or Oligomycins or Oxacillin or Oxolinic Acid or Oxytetracycline or Paromomycin or Pefloxacin or Penicillanic Acid or Penicillic Acid or Penicillin G or Penicillin G Benzathine or Penicillin G Procaine or Penicillin V or Penicillins or Pipemicid Acid or Piperacillin or Piperacillin, Tazobactam Drug Combination or Pivampicillin or Polymyxin B or Polymyxins or Pristinamycin or Prodigiosin or Ribostamycin or Rifabutin or Rifamycins or Rifaximin or Ristocetin or Rolitetracycline or Roxarsone or Roxithromycin or Rutamycin or Sirolimus or Sisomicin or Spectinomycin or Spiramycin or Streptogramin A or Streptogramin Group A or Streptogramin Group B or Streptograms or Streptomyces or Streptovaricin or Sulbactam or Sulbenicillin or Sulfacetamide or Sulfadiazine or Sulfamerazine or Sulfamethoxypyridazine or Sulfanilamide or Talampicillin or Tazobactam or Teicoplanin or Tetracycline or Thiamphenicol or Thienamycins or Thiotreton or Ticarcillin or Tigecycline or Tinidazole or Tobramycin or Tobramycin, Dexamethasone Drug Combination or Trimethoprim, Sulfamethoxazole Drug Combination or Troleandomycin or Tunicamycin or Tylosin or Tyrocidine or Tyrothricin or Valinomycin or Vancomycin or Vernamycin B or Viomycin or Virginiamycin or beta-Lactams).ti,kf,jw.	191 291
50	((amox-clav or amoxi clavulanate or amoxicillin or amoxicillin-clavulanic acid or augmentin or brl-25000 or brl25000 or clavulin or co-amoxiclav or coamoxiclav or spektramox or synulox or brl-14151 or brl14151 or clavulanate or clavulanic acid or mm-14151 or mm14151 or piperacillin) adj3 tazobactam) or tazocel or tazocillin or tazocin or zosyn or betamaze or cp-45899 or cp45899 or combactam or penicillanic acid sulfone or sulbactam or tazobactam or ytr 830h or ytr-830 or ytr830).ti,kf,jw.	2 205



51	("anti?bacterial" adj3 (agent? or compounds)).ti,kf,jw.	2 887
52	("anti?mycobacterial" adj3 (agent? or compound?)).ti,kf,jw.	225
53	antibiotic?.ti,kf,jw.	130 950
54	bacteriocid*.ti,kf,jw.	98
55	(("beta lactamase" or 'b lactamase') adj3 (antagonists or inhibitors)).ti,kf,jw.	412
56	(Tazobactam or Sulbactam or Piper or Clavulanic Acid or "Amoxicillin-Potassium Clavulanate Combination" or "Piperacillin, Tazobactam Drug Combination").ti,kf,jw.	4 757
57	49 or 50 or 51 or 52 or 53 or 54 or 55 or 56	306 999
58	exp *Anti-Bacterial Agents/ or *Antibiotic Prophylaxis/	445 469
59	57 or 58	514 797
60	48 and 59	3 291
61	limit 60 to systematic reviews	114
62	limit 61 to yr="2000-2019"	106
63	exp clinical pathway/	6 298
64	exp clinical protocol/	159 365
65	exp consensus/	10 614
66	exp consensus development conference/	11 423
67	exp consensus development conferences as topic/	2 705
68	critical pathways/	6 298
69	exp guideline/	32 023
70	guidelines as topic/	38 038
71	exp practice guideline/	25 229
72	practice guidelines as topic/	110 210
73	health planning guidelines/	4 033
74	(guideline or practice guideline or consensus development conference or consensus development conference, NIH).pt.	40 983
75	(position statement* or policy statement* or practice parameter* or best practice*).ti,ab,kf,kw.	29 328
76	(standards or guideline or guidelines).ti,kf,kw.	101 805



77	((practice or treatment* or clinical) adj guideline*).ab.	36 091
78	(CPG or CPGs).ti.	5 466
79	consensus*.ti,kf,kw.	5 466
80	consensus*.ab. /freq=2	22 800
81	((critical or clinical or practice) adj2 (path or paths or pathway or pathways or protocol*)).ti,ab,kf,kw.	18 493
82	recommendat*.ti,kf,kw.	37 552
83	(care adj2 (standard or path or paths or pathway or pathways or map or maps or plan or plans)).ti,ab,kf,kw.	52 095
84	(algorithm* adj2 (screening or examination or test or tested or testing or assessment* or diagnosis or diagnoses or diagnosed or diagnosing)).ti,ab,kf,kw.	6 866
85	(algorithm* adj2 (pharmacotherap* or chemotherap* or chemotreatment* or therap* or treatment* or intervention*)).ti,ab,kf,kw.	8 896
86	or/63-85	571 016
87	60 and 86	66
88	limit 87 to yr="2000-2019"	57
89	88 not 62	38
90	remove duplicates from 62	102
91	remove duplicates from 89	38



## 1.2 Cochrane

Date	16 June 2019	Hits
Search strategy		
ID	Search	Results
#1	[mh ^"tooth diseases"[mj]] or [mh ^"dental pulp diseases"[mj]] or [mh ^"dental pulp necrosis"[mj]] or [mh ^"pulpitis"[mj]] or [mh ^"tooth, nonvital"[mj]] or [mh ^"focal infection, dental"[mj]] or [mh ^"tooth injuries"[mj]] or [mh ^"tooth avulsion"[mj]] or [mh ^"tooth fractures"[mj]] or [mh ^"toothache"[mj]] or [mh ^"Tooth, Impacted"[mj]]	12
#2	[mh ^"Jaw Diseases"[mj]]	1
#3	[mh ^"Mouth Diseases"[mj]]	0
#4	[mh ^"periodontal diseases"[mj]] or [mh ^"pericoronitis"[mj]] or [mh ^"peri-implantitis"[mj]] or [mh ^"periapical diseases"[mj]] or [mh ^"periapical periodontitis"[mj]] or [mh ^"periodontitis"[mj]] or [mh ^"aggressive periodontitis"[mj]] or [mh ^"chronic periodontitis"[mj]] or [mh ^"periodontal abscess"[mj]]	16
#5	[mh ^"Periapical Periodontitis"[mj]]	2
#6	[mh ^"gingivitis, necrotizing ulcerative"[mj]] or [mh ^"periapical abscess"[mj]]	1
#7	[mh "jaw edentulous"[mj]]	0
#8	[mh "dental implants"[mj]]	120
#9	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8	148
#10	(tooth NEAR/3 diseases):ti	3
#11	dental pulp diseases:ti	0
#12	jaw diseases:ti	2
#13	mouth diseases:ti	68
#14	periodontal diseases:ti	94
#15	periapical diseases:ti	3
#16	dental pulp diseases:ti	0
#17	(dental pulp NEAR/3 necro*):ti	1
#18	pulpitis:ti	190
#19	pulpitides:ti	0



#20	(endodontic NEAR/3 inflammation*):ti	0
#21	("dental pulp" NEAR/3 (necro* or gangrene* or autolys* or mummification*)):ti	1
#22	((tooth OR teeth) NEAR/3 (devitaliz* or nonvital or endodontically-treated or pulpless)):ti	95
#23	(focal infection NEAR/3 dental):ti	0
#24	((tooth OR teeth) NEAR/3 injur*):ti	3
#25	((tooth OR teeth) NEAR/3 (avulsion* or avulsed or dislocation* or luxation*)):ti	15
#26	((tooth OR teeth) NEAR/3 (fracture* or rupture*)):ti	20
#27	toothache:ti	27
#28	odontalgia*:ti	11
#29	pericoroniti*:ti	27
#30	periimplantiti*:ti OR peri-implantiti*:ti	129
#31	periodontiti*:ti	1 631
#32	pericementiti*:ti	0
#33	(periodontal NEAR/3 abscess*):ti	3
#34	(periapical NEAR/3 abscess*):ti	3
#35	((abscess* NEAR/3 (alveolar or dentoalveolar)) and apical):ti	0
#36	(abscess* NEAR/3 (alveolar or dentoalveolar)):ti	6
#37	acute membranous gingiviti*:ti	0
#38	fusospiillary gingiviti*:ti	0
#39	fusospirilos*:ti	0
#40	phagedenic gingiviti*:ti	0
#41	trench mouth:ti	0
#42	(ulcerative gingivitis NEAR/3 necro*):ti	2
#43	(vincent* NEAR/3 (stomatitis or infection* or gingivitis or angina)):ti	5
#44	(ulcerative NEAR/3 stomatiti*):ti	1
#45	((tooth or teeth) NEAR/3 impacted):ti	49



#46	#10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45	2 343
#47	#9 OR #46	2 465
#48	(Alamethicin or Amdinocillin or Amikacin or Amoxicillin or "Amoxicillin-Potassium Clavulanate" or "Amphotericin B" or Ampicillin or Anisomycin or "Antimycin A" or Aurodox or Azithromycin or Azlocillin or Aztreonam or Bacitracin or Bacteriocins or Bambermycins or "Bongrekic Acid" or "Brefeldin A" or "Butirosin Sulfate" or Calcimycin or Candicidin or Capreomycin or Carbenicillin or Carfecillin or Cefaclor or Cefadroxil or Cefamandole or Cefatrizine or Cefazolin or Cefdinir or Cefepime or Cefixime or Cefmenoxime or Cefmetazole or Cefonicid or Cefoperazone or Cefotaxime or Cefotetan or Cefotiam or Cefoxitin or Cefsulodin or Ceftazidime or Ceftibuten or Ceftrizoxime or Ceftriaxone or Cefuroxime or Cephacetrile or Cephalexin or Cephaloglycin or Cephaloridine or Cephalosporins or Cephalothin or Cephamycins or Cephapirin or Cephradine or Chloramphenicol or Chlortetracycline or Cilastatin NEAR/3 Imipenem or Ciprofloxacin or Citrinin or Clarithromycin or "Clavulanic Acid**" or Clindamycin or Cloxacillin or Colistin or Cyclacillin or Dactinomycin or Daptomycin or Demeclocycline or Dibekacin or Dicloxacillin or "Dihydrostreptomycin Sulfate" or Diketopiperazines or Distamycins or Doripenem or Doxycycline or Echinomycin or Edeine or Enoxacin or Enrofloxacin or Enviomycin or Ertapenem or Erythromycin or Fidaxomicin or Filipin or Floxacillin or Fluoroquinolone* or Fosfomycin or Framycetin or "Fusidic Acid" or Gatifloxacin or Gemifloxacin or Gentamicins or Gramicidin or "Hygromycin B" or Imipenem or Josamycin or Kanamycin or Kitasamycin or Lactams or Lasalocid or Leucomycins or Levofloxacin or Lincomycin or Lincosamides or Linezolid or Lucensomycin or Lymecycline or Mafenide or Mepartricin or Meropenem or Methacycline or Methicillin or Metronidazole or Mezlocillin or Mikamycin or Minocycline or Miocamycin or Moxalactam or Moxifloxacin or Mupirocin or Mycobacillin or Nafcillin or Nalidixic Acid or Natamycin or Nebramycin or Neomycin or Netilmicin or Netropsin or Nigericin or Nisin or Nitrofurantoin or Norfloxacin or Novobiocin or Nystatin or Ofloxacin or Oleandomycin or Oligomycins or Oxacillin or Oxolinic Acid or Oxytetracycline or Paromomycin or Pefloxacin or "Penicillanic Acid" or "Penicillic Acid" or "Penicillin G" or "Penicillin V" or Penicillins or "Pipemidic Acid" or Piperacillin or Pivampicillin or Polymyxin* or Pristinamycin or Prodigiosin or Ribostamycin or Rifabutin or Rifaximics or Rifaximin or Ristocetin or Rolitetracycline or Roxarsone or Roxithromycin or Rutamycin or Sirolimus or Sisomicin or Spectinomycin or Spiramycin or Streptogramin* or Streptomyces or Streptovaricin or Sulbactam or Sulbenicillin or Sulfacetamide or Sulfadiazine or Sulfamerazine or Sulfamethoxypyridazine or Sulfanilamide or Talampicillin or Tazobactam or Teicoplanin or Tetracycline or Thiamphenicol or Thienamycins or Thiomectropon or Ticarcillin or Tigecycline or Tinidazole or Tobramycin or Trimethoprim NEAR/3 Sulfamethoxazole or Troleandomycin or Tunicamycin or Tylosin or Tyrocidine or Tyrothricin or Valinomycin or Vancomycin or "Vernamycin B" or Viomycin or Virginiamycin or "beta-Lactams"):ti	26 065
#49	(tazocel or tazocillin or tazocin or zosyn or betamaze or "cp-45899" or cp45899 or combactam or "penicillanic acid sulfone" or sulbactam or tazobactam or "ytr 830h" or "ytr-830" or ytr830):ti	601
#50	((anti-bacterial" or antibacterial) NEAR/3 (agent or agents or compound or compounds)):ti	51
#51	((anti-mycobacterial" or antimycobacterial) NEAR/3 (agent or agents or compound or compounds)):ti	2
#52	antibiotic*:ti	8 053
#53	bacteriocid*:ti	1
#54	((beta lactamase" or "b lactamase") NEAR/3 (antagonist* or inhibitor*)):ti	13
#55	(Sulbactam or Piper or "Clavulanic Acid"):ti	669



#56	#48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55	33 258
#57	[mh "Anti-Bacterial Agents"[mj]] or [mh ^"Antibiotic Prophylaxis"[mj]]	7 788
#58	#56 OR #57	35 901
#59	#47 AND #58	479
#60	#59 with Cochrane Library publication date Between Jan 2000 and Dec 2019	411

### 1.3 Embase

Date	16 June 2019	
Database	Embase.com	
Search strategy		
ID	Search	Results
#287	#281 AND #285	17
#286	#285 AND ('meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review')	23
#285	#284 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	458
#284	#283 AND [2000-2019]/py	520
#283	#282 NOT [medline]/lim	881
#282	#45 AND #266	6 180
#281	#267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278 OR #279 OR #280	832 478
#280	(algorithm* NEAR/2 (pharmacotherap* OR chemotherap* OR chemotreatment* OR therap* OR treatment* OR intervention*)):ab,ti	12 957
#279	(algorithm* NEAR/2 (screening OR examination OR test OR tested OR testing OR assessment* OR diagnosis OR diagnoses OR diagnosed OR diagnosing)):ab,ti	9 270
#278	(care NEAR/2 (standard OR path OR paths OR pathway OR pathways OR map OR maps OR plan OR plans)):ab,ti	89 429
#277	recommendat*:ti	45 015
#276	((critical OR clinical OR practice) NEAR/2 (path OR paths OR pathway OR pathways OR protocol*)):ab,ti	27 653
#275	consensus*:ti OR cpg:ti OR cpgs:ti	33 163
#274	((practice OR treatment* OR clinical) NEAR/5 guideline*):ab	96 124
#273	standards:ti OR guideline:ti OR guidelines:ti	120 497



#272	'position statement':ab,ti OR 'position statements':ab,ti OR 'policy statement':ab,ti OR 'policy statements':ab,ti OR 'practice parameter':ab,ti OR 'practice parameters':ab,ti OR 'best practice':ab,ti OR 'best practices':ab,ti	41 485
#271	'practice guideline':exp	498 108
#270	'consensus development':exp	23 270
#269	'consensus':exp	61 136
#268	'clinical protocol':exp	93 284
#267	'clinical pathway':exp	8 025
#266	#46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265	1 585 508
#265	ytr830:ti,kw	0
#264	'ytr 830':ti,kw	20
#263	'ytr 830h':ti,kw	6
#262	'penicillanic acid sulfone':ti,kw	14
#261	combactam:ti,kw	2
#260	cp45899:ti,kw	0
#259	'cp 45899':ti,kw	5
#258	betamaze:ti,kw	0
#257	zosyn:ti,kw	24
#256	tazocin:ti,kw	26



#255	tazocillin:ti,kw	3
#254	tazocel:ti,kw	0
#253	'beta lactams':ti,kw	579
#252	virginiamycin:ti,kw	297
#251	viomycin:ti,kw	363
#250	vernamycin:ti,kw	14
#249	vancomycin:ti,kw	13 575
#248	valinomycin:ti,kw	604
#247	tyrothricin:ti,kw	194
#246	tyrocidine:ti,kw	108
#245	tylosin:ti,kw	700
#244	tunicamycin:ti,kw	1 122
#243	troleandomycin:ti,kw	141
#242	sulfamethoxazole:ti,kw	3 609
#241	trimethoprim:ti,kw	5 568
#240	tobramycin:ti,kw	3 209
#239	tinidazole:ti,kw	892
#238	tigecycline:ti,kw	1 901
#237	ticarcillin:ti,kw	857
#236	thiostrepton:ti,kw	236
#235	thienamycins:ti,kw	2
#234	thiamphenicol:ti,kw	523
#233	tetracycline:ti,kw	11 117
#232	teicoplanin:ti,kw	1 891
#231	tazobactam:ti,kw	1 838
#230	talampicillin:ti,kw	135
#229	sulfanilamide:ti,kw	681



#228	sulfamethoxypyridazine:ti,kw	210
#227	sulfamerazine:ti,kw	172
#226	sulfadiazine:ti,kw	1 575
#225	sulfacetamide:ti,kw	115
#224	sulbenicillin:ti,kw	108
#223	sulbactam:ti,kw	1 516
#222	streptovaricin:ti,kw	72
#221	streptomycin:ti,kw	10 512
#220	streptogramin*:ti,kw	536
#219	spiramycin:ti,kw	738
#218	spectinomycin:ti,kw	657
#217	sisomicin:ti,kw	556
#216	sirolimus:ti,kw	7 464
#215	rutamycin:ti,kw	26
#214	roxithromycin:ti,kw	951
#213	roxarsone:ti,kw	138
#212	rolitetracycline:ti,kw	84
#211	ristocetin:ti,kw	671
#210	rifaximin:ti,kw	1 272
#209	rifamycin*:ti,kw	1 296
#208	rifabutin:ti,kw	717
#207	ribostamycin:ti,kw	99
#206	prodigiosin:ti,kw	416
#205	pristinamycin:ti,kw	266
#204	polymyxin*:ti,kw	3 223
#203	pivampicillin:ti,kw	314
#202	piperacillin:ti,kw	2 514



#201	'pipemidic acid':ti,kw	344
#200	penicillin*:ti,kw	29 735
#199	'penicillic acid':ti,kw	141
#198	'penicillanic acid':ti,kw	129
#197	pefloxacin:ti,kw	760
#196	paromomycin:ti,kw	604
#195	oxytetracycline:ti,kw	2 688
#194	'oxolinic acid':ti,kw	299
#193	oxacillin:ti,kw	1 143
#192	oligomycins:ti,kw	18
#191	oleandomycin:ti,kw	503
#190	ofloxacin:ti,kw	3 083
#189	nystatin:ti,kw	1 478
#188	novobiocin:ti,kw	922
#187	norfloxacin:ti,kw	1 859
#186	nitrofurantoin:ti,kw	1 612
#185	nisin:ti,kw	1 448
#184	nigericin:ti,kw	231
#183	netropsin:ti,kw	343
#182	netilmicin:ti,kw	1 055
#181	neomycin:ti,kw	2 974
#180	nebramycin:ti,kw	27
#179	natamycin:ti,kw	300
#178	'nalidixic acid':ti,kw	1 270
#177	nafcillin:ti,kw	274
#176	mycobacillin:ti,kw	58
#175	mupirocin:ti,kw	995



#174	moxifloxacin:ti,kw	2 368
#173	moxalactam:ti,kw	562
#172	miocamycin:ti,kw	111
#171	minocycline:ti,kw	4 088
#170	mikamycin:ti,kw	32
#169	mezlocillin:ti,kw	699
#168	metronidazole:ti,kw	7 358
#167	methicillin:ti,kw	18 149
#166	methacycline:ti,kw	124
#165	meropenem:ti,kw	2 236
#164	mepartricin:ti,kw	121
#163	mafénide:ti,kw	92
#162	lymecycline:ti,kw	71
#161	lucensomycin:ti,kw	19
#160	linezolid:ti,kw	3 383
#159	lincosamides:ti,kw	148
#158	lincomycin:ti,kw	1 154
#157	levofloxacin:ti,kw	3 462
#156	leucomycins:ti,kw	22
#155	lasalocid:ti,kw	341
#154	lactams:ti,kw	4 156
#153	kitasamycin:ti,kw	37
#152	kanamycin:ti,kw	2 332
#151	josamycin:ti,kw	400
#150	imipenem:ti,kw	3 026
#149	'hygromycin b':ti,kw	217
#148	gramicidin:ti,kw	1 931



#147	gentamicins:ti,kw	56
#146	gemifloxacin:ti,kw	335
#145	gatifloxacin:ti,kw	960
#144	'fusidic acid':ti,kw	827
#143	framycetin:ti,kw	109
#142	fosfomycin:ti,kw	2 066
#141	fluoroquinolones:ti,kw	4 457
#140	floxacillin:ti,kw	6
#139	filipin:ti,kw	366
#138	fidaxomicin:ti,kw	349
#137	'erythromycin ethylsuccinate':ti,kw	82
#136	'erythromycin estolate':ti,kw	104
#135	erythromycin:ti,kw	7 388
#134	ertapenem:ti,kw	727
#133	enviomycin:ti,kw	23
#132	enrofloxacin:ti,kw	938
#131	enoxacin:ti,kw	527
#130	edeine:ti,kw	71
#129	echinomycin:ti,kw	171
#128	doxycycline:ti,kw	5 091
#127	doripenem:ti,kw	466
#126	distamycins:ti,kw	18
#125	diketopiperazines:ti,kw	372
#124	'dihydrostreptomycin sulfate':ti,kw	29
#123	dicloxacillin:ti,kw	394
#122	dibekacin:ti,kw	208
#121	demeclocycline:ti,kw	138



#120	daptomycin:ti,kw	2 337
#119	dactinomycin:ti,kw	271
#118	cyclacillin:ti,kw	59
#117	colistin:ti,kw	3 355
#116	cloxacillin:ti,kw	564
#115	clindamycin:ti,kw	3 373
#114	'clavulanic acid*':ti,kw	1 938
#113	clarithromycin:ti,kw	4 444
#112	citrinin:ti,kw	599
#111	ciprofloxacin:ti,kw	9 389
#110	(cilastatin NEAR/3 imipenem):ti,kw	896
#109	chlortetracycline:ti,kw	1 383
#108	chloramphenicol:ti,kw	7 885
#107	cephradine:ti,kw	328
#106	cephapirin:ti,kw	168
#105	cephamycins:ti,kw	64
#104	cephalothin:ti,kw	872
#103	cephalosporins:ti,kw	4 232
#102	cephaloridine:ti,kw	668
#101	cephaloglycin:ti,kw	54
#100	cephalexin:ti,kw	1 202
#99	cephacetrile:ti,kw	135
#98	cefuroxime:ti,kw	1 899
#97	ceftriaxone:ti,kw	3 781
#96	ceftizoxime:ti,kw	640
#95	ceftibuten:ti,kw	232
#94	ceftazidime:ti,kw	2 933



#93	cefsulodin:ti,kw	304
#92	cefoxitin:ti,kw	1 404
#91	cefotiam:ti,kw	590
#90	cefotetan:ti,kw	572
#89	cefotaxime:ti,kw	2 502
#88	cefoperazone:ti,kw	1 323
#87	cefonicid:ti,kw	187
#86	cefmetazole:ti,kw	330
#85	cefmenoxime:ti,kw	390
#84	cefixime:ti,kw	960
#83	cefepime:ti,kw	1 378
#82	cefdinir:ti,kw	377
#81	cefazolin:ti,kw	1 657
#80	cefatrizine:ti,kw	164
#79	cefamandole:ti,kw	722
#78	cefadroxil:ti,kw	541
#77	cefaclor:ti,kw	922
#76	carfecillin:ti,kw	72
#75	carbenicillin:ti,kw	1 060
#74	capreomycin:ti,kw	286
#73	candidin:ti,kw	120
#72	calcimycin:ti,kw	66
#71	'butirosin sulfate':ti,kw	1
#70	'brefeldin a':ti,kw	922
#69	'bongrekic acid':ti,kw	77
#68	bambermycins:ti,kw	13
#67	bacteriocins:ti,kw	1 131



#66	bacitracin:ti,kw	1 169
#65	aztreonam:ti,kw	1 216
#64	azlocillin:ti,kw	385
#63	azithromycin:ti,kw	4 693
#62	aurodox:ti,kw	25
#61	'antimycin a':ti,kw	420
#60	anisomycin:ti,kw	418
#59	'amphotericin b':ti,kw	7 986
#58	'amoxicillin-potassium clavulanate combination':ti,kw	9
#57	amoxicillin:ti,kw	4 959
#56	amikacin:ti,kw	3 033
#55	'amdinocillin pivoxil':ti,kw	3
#54	amdinocillin:ti,kw	49
#53	alamethicin:ti,kw	447
#52	'antiinfective agent'/exp/mj OR 'antibiotic prophylaxis'/exp/mj	1 497 839
#51	tazobactam:ti,kw OR sulbactam:ti,kw OR piper:ti,kw OR 'clavulanic acid':ti,kw OR 'amoxicillin-potassium clavulanate combination':ti,kw OR 'piperacillin, tazobactam drug combination':ti,kw	7 335
#50	(('beta lactamase' OR 'b lactamase') NEAR/3 (antagonists OR inhibitors)):ti,kw	152
#49	bacteriocid*:ti,kw	127
#48	antibiotic*:ti,kw	146 919
#47	(('antimycobacterial' OR 'anti mycobacterial') NEAR/3 (agent* OR compounds)):ti,kw	369
#46	(('antibacterial' OR 'anti bacterial') NEAR/3 (agent* OR compounds)):ti,kw	5 136
#45	#7 OR #44	120 771
#44	#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43	26 119
#43	((tooth OR teeth) NEAR/3 impacted):ti,kw	975
#42	(ulcerative NEAR/3 stomatiti*):ti,kw	126



#41	(vincent* NEAR/3 (stomatitis OR infection* OR gingivitis OR angina)):ti,kw	146
#40	('ulcerative gingivitis' NEAR/3 necro*):ti,kw	163
#39	'trench mouth':ti,kw	10
#38	'phagedenic gingiviti*':ti,kw	0
#37	fusospirilos*:ti,kw	0
#36	'fusospirillary gingiviti*':ti,kw	0
#35	'acute membranous gingiviti*':ti,kw	0
#34	(abscess* NEAR/3 (alveolar OR dentoalveolar)):ti,kw	72
#33	((abscess* NEAR/3 (alveolar OR dentoalveolar)):ti,kw) AND apical:ti,kw	0
#32	(periapical NEAR/3 abscess*):ti,kw	114
#31	(periodontal NEAR/3 abscess*):ti,kw	139
#30	pericementiti*:ti,kw	6
#29	periodontiti*:ti,kw	14 881
#28	'peri implantiti*':ti,kw OR periimplantiti*:ti,kw	1 158
#27	pericoroniti*:ti,kw	129
#26	odontalgia*:ti,kw	139
#25	toothache:ti,kw	427
#24	((tooth OR teeth) NEAR/3 (fracture* OR rupture*)):ti,kw	998
#23	((tooth OR teeth) NEAR/3 (avulsion* OR avulsed OR dislocation* OR luxation*)):ti,kw	525
#22	((tooth OR teeth) NEAR/3 injur*):ti,kw	663
#21	('focal infection' NEAR/3 dental):ti,kw	131
#20	((tooth OR teeth) NEAR/3 (devitaliz* OR nonvital OR 'endodontically treated' OR pulpless)):ti,kw	1 185
#19	('dental pulp' NEAR/3 (necro* OR gangrene* OR autolys* OR mummification*)):ti,kw	57
#18	(endodontic NEAR/3 inflammation*):ti,kw	11
#17	pulpitides:ti,kw	1
#16	pulpitis:ti,kw	810
#15	('dental pulp' NEAR/3 necro*):ti,kw	41



#14	'dental pulp diseases':ti,kw	68
#13	'periapical diseases':ti,kw	70
#12	'periodontal diseases':ti,kw	3 507
#11	'mouth diseases':ti,kw	404
#10	'jaw diseases':ti,kw	63
#9	'dental pulp diseases':ti,kw	68
#8	(tooth NEAR/3 diseases):ti,kw	200
#7	#1 OR #2 OR #3 OR #4 OR #5 OR #6	113 234
#6	'tooth implant':exp/mj	7 249
#5	'edentulousness':exp/mj	3 884
#4	'periodontal disease':mj OR 'gingiva disease':mj OR 'periimplantitis':mj OR 'tooth periapical disease':mj OR 'periodontitis':mj OR 'aggressive periodontitis':mj OR 'chronic periodontitis':mj OR 'periodontal abscess':mj OR 'vincent stomatitis':mj	50 470
#3	'mouth disease':mj	15 503
#2	'jaw disease':mj	8 331
#1	'tooth disease':mj OR 'tooth pulp disease':mj OR 'pulpitis':mj OR 'tooth infection':mj OR 'tooth injury':mj OR 'tooth fracture':mj OR 'tooth pain':mj	33 659



## 2 DEDICATED SEARCHES FOR EACH INDICATION

### 2.1 Symptomatic irreversible pulpitis in primary teeth

The same search was used as the one for 'Symptomatic irreversible pulpitis in permanent teeth' (see section 2.3).

### 2.2 Odontogenic abscess in primary teeth

Given the anticipated paucity of available data, no search filters were applied.

#### 2.2.1 Ovid MEDLINE

Date	27 September 2019	Results
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) <1946 to September 27, 2019>	
Search strategy		
ID	Search	
1	exp Periodontal Abscess/	624
2	Periapical Abscess/	1 814
3	1 or 2	2 353
4	Abscess/	27 158
5	exp Dentistry/	394 315
6	4 and 5	318
7	abscess*.ab,ti,kf.	75 077
8	necro*.ab,ti,kf.	362 258
9	suppurative.ab,ti,kf.	11 629
10	7 or 8 or 9	441 776
11	5 and 10	3 386
12	odontogenic.ab,ti,kf.	9 705
13	peri?dont*.ab,ti,kf.	73 853
14	endodont*.ab,ti,kf.	19 516



15	apical.ab,ti,kf.	77 038
16	peri?apical.ab,ti,kf.	7 987
17	alveolar.ab,ti,kf.	92 363
18	dentoalveolar.ab,ti,kf.	2 020
19	parodont*.ab,ti,kf.	1 175
20	12 or 13 or 14 or 15 or 16 or 17 or 18 or 19	260 054
21	4 and 20	458
22	((odontogenic or peri?dont* or endodont* or apical or periapical or alveolar or dentoalveolar or parodont*) adj3 (abscess* or necro* or suppurative)).ab,ti,kf.	2 082
23	(suppurative adj3 periodontitis).ab,ti,kf.	19
24	dental pulp necrosis.ab,ti,kf.	36
25	dental pulp gangrene.ab,ti,kf.	40
26	dental pulp autolysis.ab,ti,kf.	1
27	pulp mummification.ab,ti,kf.	12
28	pericoroniti*.ab,ti,kf.	329
29	3 or 6 or 11 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28	7 245
30	exp Tooth, Deciduous/	12 030
31	((tooth or teeth or dentition?) adj3 deciduous).ab,ti,kf.	4 934
32	((tooth or teeth or dentition?) adj3 primary).ab,ti,kf.	6 934
33	((tooth or teeth or dentition?) adj3 baby).ab,ti,kf.	145
34	((tooth or teeth or dentition?) adj3 milk).ab,ti,kf.	265
35	((molar? or canine? or incisor?) adj3 deciduous).ab,ti,kf.	1 488
36	((molar? or canine? or incisor?) adj3 primary).ab,ti,kf.	4 073
37	((molar? or canine? or incisor?) adj3 baby).ab,ti,kf.	1
38	((molar? or canine? or incisor?) adj3 milk).ab,ti,kf.	80
39	31 or 32 or 33 or 34 or 35 or 36 or 37 or 38	14 888
40	30 or 39	18 486



41	29 and 40	342
42	exp Dental Caries/	44 429
43	caries.ab,ti,kf.	42 206
44	carious.ab,ti,kf.	6 587
45	decay.ab,ti,kf.	71 453
46	fissure\$.ab,ti,kf.	15 845
47	43 or 44 or 45 or 46	129 109
48	42 or 47	142 179
49	40 and 48	5 567
50	Toothache/	2 757
51	odontalgia*.ab,ti,kf.	212
52	toothache.ab,ti,kf.	1 213
53	((ache or pain) adj12 (tooth or teeth or pulp* or gingival or dental)).ab,ti,kf.	7 307
54	pain.ti,kf.	196 634
55	alveolalgia.ab,ti,kf.	4
56	'dry socket'.ab,ti,kf.	359
57	dentalgia.ab,ti,kf.	4
58	51 or 52 or 53 or 54 or 55 or 56 or 57	202 121
59	50 or 58	203 188
60	40 and 59	363
61	41 or 49 or 60	5 983
62	("brain abscess*" or "cervical abscess*" or "cerebral abscess*" or "epidural abscess*").ti.	5 104
63	61 not 62	5 975
64	exp Anti-Bacterial Agents/	706 669
65	antibiotic*.ab,ti,kf,jw.	342 241
66	anti-biotic*.ab,ti,kf,jw.	125
67	bacteriocid*.ab,ti,kf,jw.	577



68	anti?bacterial*.ab,ti,kf,jw.	70 616
69	anti?mycobacterial*.ab,ti,kf,jw.	3 676
70	anti?infect*.ab,ti,kf,jw.	2 607
71	anti?microbial*.ab,ti,kf,jw.	200 055
72	65 or 66 or 67 or 68 or 69 or 70 or 71	531 671
73	Aminoglycoside?.ab,ti,kf,nm.	23 439
74	Ansamycin?.ab,ti,kf,nm.	560
75	("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?).ab,ti,kf,jw.	2 859
76	Carbapenem?.ab,ti,kf,nm.	12 348
77	penicillin?.ab,ti,kf,nm.	77 123
78	Cephalosporin?.ab,ti,kf,nm.	31 674
79	Lincosamide?.ab,ti,kf,nm.	1 582
80	macrolide?.ab,ti,kf,nm.	22 802
81	Monobactam?.ab,ti,kf,nm.	929
82	Nitrofuran?.ab,ti,kf,nm.	2 547
83	Oxazolidinone?.ab,ti,kf,nm.	5 119
84	carboxypenicillin?.ab,ti,kf,nm.	45
85	sulfonamide?.ab,ti,kf,nm.	53 108
86	Tetracycline?.ab,ti,kf,nm.	45 164
87	73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86	241 492
88	Alamethicin.ab,ti,kf,nm.	835
89	Amikacin.ab,ti,kf,nm.	9 885
90	Amoxicillin.ab,ti,kf,nm.	19 334
91	Amoxicillin-Potassium.ab,ti,kf,nm.	2 512
92	Amphotericin B.ab,ti,kf,nm.	23 005
93	Ampicillin.ab,ti,kf,nm.	28 555
94	Anisomycin.ab,ti,kf,nm.	1 967



95	Antimycin.ab,ti,kf,nm.	4 330
96	Aurodox.ab,ti,kf,nm.	35
97	Azithromycin.ab,ti,kf,nm.	8 690
98	Aztreonam.ab,ti,kf,nm.	3 236
99	Bacitracin.ab,ti,kf,nm.	4 153
100	Bacteriocin?.ab,ti,kf,nm.	8 018
101	Bambermycin?.ab,ti,kf,nm.	134
102	Bongrekic Acid.ab,ti,kf,nm.	455
103	Brefeldin A.ab,ti,kf,nm.	4 132
104	Butirosin.ab,ti,kf,nm.	151
105	Calcimycin.ab,ti,kf,nm.	11 914
106	Candididin.ab,ti,kf,nm.	306
107	Capreomycin.ab,ti,kf,nm.	662
108	Carbenicillin.ab,ti,kf,nm.	3 290
109	Carfecillin.ab,ti,kf,nm.	37
110	Cefaclor.ab,ti,kf,nm.	1 771
111	Cefadroxil.ab,ti,kf,nm.	721
112	Cefamandole.ab,ti,kf,nm.	1 646
113	Cefatrizine.ab,ti,kf,nm.	117
114	Cefazolin.ab,ti,kf,nm.	5 150
115	Cefdinir.ab,ti,kf,nm.	425
116	Cefepime.ab,ti,kf,nm.	3 304
117	Cefixime.ab,ti,kf,nm.	1 709
118	Cefmenoxime.ab,ti,kf,nm.	521
119	Cefmetazole.ab,ti,kf,nm.	687
120	Cefonicid.ab,ti,kf,nm.	251
121	Cefoperazone.ab,ti,kf,nm.	2 690



122	Cefotaxime.ab,ti,kf,nm.	10 534
123	Cefotetan.ab,ti,kf,nm.	798
124	Cefotiam.ab,ti,kf,nm.	686
125	Cefoxitin.ab,ti,kf,nm.	4 561
126	Cefsulodin.ab,ti,kf,nm.	631
127	Ceftazidime.ab,ti,kf,nm.	9 358
128	Ceftibuten.ab,ti,kf,nm.	318
129	Ceftizoxime.ab,ti,kf,nm.	1 579
130	Ceftriaxone.ab,ti,kf,nm.	12 056
131	Cefuroxime.ab,ti,kf,nm.	4 794
132	Cephacetrile.ab,ti,kf,nm.	163
133	Cephalexin.ab,ti,kf,nm.	3 506
134	Cephaloglycin.ab,ti,kf,nm.	131
135	Cephaloridine.ab,ti,kf,nm.	2 065
136	Cephalothin.ab,ti,kf,nm.	4 423
137	Cephamycin?.ab,ti,kf,nm.	1 677
138	Cephapirin.ab,ti,kf,nm.	613
139	Cephradine.ab,ti,kf,nm.	870
140	Chloramphenicol.ab,ti,kf,nm.	40 174
141	Chlortetracycline.ab,ti,kf,nm.	6 563
142	Ciprofloxacin.ab,ti,kf,nm.	27 289
143	Citrinin.ab,ti,kf,nm.	857
144	Clarithromycin.ab,ti,kf,nm.	10 268
145	Clavulanic Acid?.ab,ti,kf,nm.	6 246
146	clavulanate.ab,ti,kf,nm.	5 065
147	Clindamycin.ab,ti,kf,nm.	11 854
148	Cloxacillin.ab,ti,kf,nm.	2 662



149	Colistin.ab,ti,kf,nm.	7 061
150	Cyclacillin.ab,ti,kf,nm.	110
151	Dactinomycin.ab,ti,kf,nm.	19 103
152	dalbavancin.ab,ti,kf,nm.	403
153	Daptomycin.ab,ti,kf,nm.	3 093
154	Demeclocycline.ab,ti,kf,nm.	1 016
155	Dibekacin.ab,ti,kf,nm.	629
156	Dicloxacillin.ab,ti,kf,nm.	905
157	Dihydrostreptomycin.ab,ti,kf,nm.	1 564
158	Diketopiperazines.ab,ti,kf,nm.	895
159	Distamycins.ab,ti,kf,nm.	777
160	Doripenem.ab,ti,kf,nm.	643
161	Doxycycline.ab,ti,kf,nm.	16 298
162	Echinomycin.ab,ti,kf,nm.	332
163	Edeine.ab,ti,kf,nm.	144
164	Enoxacin.ab,ti,kf,nm.	1 126
165	Enrofloxacin.ab,ti,kf,nm.	2 537
166	Enviomycin.ab,ti,kf,nm.	75
167	Ertapenem.ab,ti,kf,nm.	1 525
168	Erythromycin.ab,ti,kf,nm.	25 610
169	Fidaxomicin.ab,ti,kf,nm.	480
170	Filipin.ab,ti,kf,nm.	1 434
171	Floxacillin.ab,ti,kf,nm.	732
172	Flucloxacillin.ab,ti,kf,nm.	830
173	Fosfomycin.ab,ti,kf,nm.	3 217
174	Framycetin.ab,ti,kf,nm.	561
175	Fusidic Acid.ab,ti,kf,nm.	2 473



176	furazolidone.ab,ti,kf,nm.	1 821
177	Gatifloxacin.ab,ti,kf,nm.	1 711
178	Gatifloxacin.ab,ti,kf,nm.	1 711
179	Gentamicins.ab,ti,kf,nm.	18 057
180	Gramicidin.ab,ti,kf,nm.	4 056
181	Hygromycin B.ab,ti,kf,nm.	1 504
182	Imipenem.ab,ti,kf,nm.	10 694
183	Josamycin.ab,ti,kf,nm.	716
184	Kanamycin.ab,ti,kf,nm.	13 706
185	Kitasamycin.ab,ti,kf,nm.	127
186	Lactams.ab,ti,kf,nm.	19 505
187	Lasalocid.ab,ti,kf,nm.	909
188	Leucomycins.ab,ti,kf,nm.	1 851
189	Levofloxacin.ab,ti,kf,nm.	7 500
190	Lincomycin.ab,ti,kf,nm.	3 363
191	Lincosamides.ab,ti,kf,nm.	961
192	Linezolid.ab,ti,kf,nm.	5 796
193	Lomefloxacin.ab,ti,kf,nm.	906
194	Lucensomycin.ab,ti,kf,nm.	41
195	Lymecycline.ab,ti,kf,nm.	170
196	Mafenide.ab,ti,kf,nm.	269
197	Mepartricin.ab,ti,kf,nm.	104
198	Meropenem.ab,ti,kf,nm.	6 580
199	Methacycline.ab,ti,kf,nm.	414
200	Methicillin.ab,ti,kf,nm.	33 049
201	Metronidazole.ab,ti,kf,nm.	19 217
202	Mezlocillin.ab,ti,kf,nm.	1 037



203	Mikamycin.ab,ti,kf,nm.	46
204	Minocycline.ab,ti,kf,nm.	8 627
205	Miocamycin.ab,ti,kf,nm.	308
206	Moxalactam.ab,ti,kf,nm.	1 526
207	Moxifloxacin.ab,ti,kf,nm.	4 689
208	Mupirocin.ab,ti,kf,nm.	1 980
209	Mycobacillin.ab,ti,kf,nm.	59
210	Nadifloxacin.ab,ti,kf,nm.	95
211	Nafcillin.ab,ti,kf,nm.	962
212	Nalidixic Acid.ab,ti,kf,nm.	6 610
213	Natamycin.ab,ti,kf,nm.	1 022
214	Nebramycin.ab,ti,kf,nm.	168
215	Neomycin.ab,ti,kf,nm.	13 222
216	Netilmicin.ab,ti,kf,nm.	1 940
217	Netropsin.ab,ti,kf,nm.	750
218	Nigericin.ab,ti,kf,nm.	2 110
219	Nisin.ab,ti,kf,nm.	2 245
220	Nitrofurantoin.ab,ti,kf,nm.	4 491
221	Norfloxacin.ab,ti,kf,nm.	4 930
222	Novobiocin.ab,ti,kf,nm.	3 270
223	Nystatin.ab,ti,kf,nm.	5 110
224	Ofloxacin.ab,ti,kf,nm.	9 468
225	Oleandomycin.ab,ti,kf,nm.	1 303
226	Oligomycin?.ab,ti,kf,nm.	5 017
227	Oritavancin.ab,ti,kf,nm.	377
228	Oxacillin.ab,ti,kf,nm.	5 458
229	Oxolinic Acid.ab,ti,kf,nm.	717



230	Oxytetracycline.ab,ti,kf,nm.	8 316
231	Paromomycin.ab,ti,kf,nm.	1 861
232	Pefloxacin.ab,ti,kf,nm.	1 411
233	Pefloxacin.ab,ti,kf,nm.	1 411
234	Penicillic Acid.ab,ti,kf,nm.	262
235	Penicillin G.ab,ti,kf,nm.	15 135
236	Penicillin V.ab,ti,kf,nm.	2 672
237	Pipemidic Acid.ab,ti,kf,nm.	443
238	Piperacillin.ab,ti,kf,nm.	7 135
239	Pivampicillin.ab,ti,kf,nm.	331
240	Polymyxin B.ab,ti,kf,nm.	5 902
241	Polymyxins.ab,ti,kf,nm.	3 461
242	Pristinamycin.ab,ti,kf,nm.	498
243	Prodigiosin.ab,ti,kf,nm.	788
244	Ribostamycin.ab,ti,kf,nm.	189
245	Rifabutin.ab,ti,kf,nm.	2 482
246	Rifamycin?.ab,ti,kf,nm.	3 109
247	Rifaximin.ab,ti,kf,nm.	1 260
248	Ristocetin.ab,ti,kf,nm.	3 161
249	Rolitetracycline.ab,ti,kf,nm.	397
250	Roxarsone.ab,ti,kf,nm.	243
251	Roxithromycin.ab,ti,kf,nm.	1 478
252	Rutamycin.ab,ti,kf,nm.	81
253	Sirolimus.ab,ti,kf,nm.	20 014
254	Sisomicin.ab,ti,kf,nm.	802
255	Spectinomycin.ab,ti,kf,nm.	2 643
256	Spiramycin.ab,ti,kf,nm.	1 502



257	Streptogramin A.ab,ti,kf,nm.	135
258	Streptogramin Group A.ab,ti,kf,nm.	9
259	Streptogramin Group B.ab,ti,kf,nm.	25
260	Streptogramins.ab,ti,kf,nm..	388
261	Streptomycin.ab,ti,kf,nm.	30 903
262	Streptovaricin.ab,ti,kf,nm.	155
263	Sulbactam.ab,ti,kf,nm.	3 511
264	Sulbenicillin.ab,ti,kf,nm.	174
265	Sulfacetamide.ab,ti,kf,nm.	472
266	Sulfadiazine.ab,ti,kf,nm.	5 172
267	Sulfamerazine.ab,ti,kf,nm.	687
268	Sulfamethoxypyridazine.ab,ti,kf,nm.	751
269	Sulfanilamide.ab,ti,kf,nm.	7 115
270	Sulfasalazine.ab,ti,kf,nm.	5 665
271	Sulfisoxazole.ab,ti,kf,nm.	1 321
272	Sulfamethizole.ab,ti,kf,nm.	419
273	Talampicillin.ab,ti,kf,nm.	104
274	Tazobactam.ab,ti,kf,nm.	4 825
275	Teicoplanin.ab,ti,kf,nm.	3 954
276	telavancin.ab,ti,kf,nm.	402
277	Thiamphenicol.ab,ti,kf,nm.	1 154
278	Thienamycins.ab,ti,kf,nm.	3 578
279	Thiostrepton.ab,ti,kf,nm.	564
280	Ticarcillin.ab,ti,kf,nm.	2 138
281	Tigecycline.ab,ti,kf,nm.	3 112
282	Tinidazole.ab,ti,kf,nm.	1 423
283	Tinidazole.ab,ti,kf,nm.	1 423



284	Tobramycin.ab,ti,kf,nm.	7 621
285	torezolid.ab,ti,kf,nm.	23
286	tedizolid.ab,ti,kf,nm.	287
287	Trimethoprim.ab,ti,kf,nm.	21 536
288	Sulfamethoxazole.ab,ti,kf,nm.	18 088
289	Temocillin.ab,ti,kf,nm.	290
290	Troleandomycin.ab,ti,kf,nm.	868
291	Tunicamycin.ab,ti,kf,nm.	5 802
292	Tylosin.ab,ti,kf,nm.	1 853
293	Tyrocidine.ab,ti,kf,nm.	223
294	Tyrothricin.ab,ti,kf,nm.	796
295	Valinomycin.ab,ti,kf,nm.	4 301
296	Vancomycin.ab,ti,kf,nm.	29 016
297	Vernamycin B.ab,ti,kf,nm.	17
298	Viomycin.ab,ti,kf,nm.	805
299	Virginiamycin.ab,ti,kf,nm.	1 438
300	amox-clav.ab,ti,kf,nm.	14
301	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 289
302	augmentin.ab,ti,kf,nm.	604
303	brl-25000.ab,ti,kf,nm.	31
304	brl25000.ab,ti,kf,nm.	1
305	clavulin.ab,ti,kf,nm.	4
306	co-amoxiclav.ab,ti,kf,nm.	524
307	coamoxiclav.ab,ti,kf,nm.	36
308	spektramox.ab,ti,kf,nm.	6
309	synulox.ab,ti,kf,nm.	5
310	brl-14151.ab,ti,kf,nm.	2



311	brl14151.ab,ti,kf,nm.	0
312	mm-14151.ab,ti,kf,nm.	0
313	mm14151.ab,ti,kf,nm.	0
314	tazocel.ab,ti,kf,nm.	1
315	tazocillin.ab,ti,kf,nm.	9
316	tazocin.ab,ti,kf,nm.	58
317	zosyn.ab,ti,kf,nm.	28
318	betamaze.ab,ti,kf,nm.	0
319	cp-45899.ab,ti,kf,nm.	10
320	cp45899.ab,ti,kf,nm.	0
321	combactam.ab,ti,kf,nm.	3
322	ytr 830h.ab,ti,kf,nm.	9
323	ytr-830.ab,ti,kf,nm.	28
324	ytr830.ab,ti,kf,nm.	0
325	88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273 or 274 or 275 or 276 or 277 or 278 or 279 or 280 or 281 or 282 or 283 or 284 or 285 or 286 or 287 or 288 or 289 or 290 or 291 or 292 or 293 or 294 or 295 or 296 or 297 or 298 or 299 or 300 or 301 or 302 or 303 or 304 or 305 or 306 or 307 or 308 or 309 or 310 or 311 or 312 or 313 or 314 or 315 or 316 or 317 or 318 or 319 or 320 or 321 or 322 or 323 or 324	550 509
326	64 or 72 or 87 or 325	1 119 161
327	63 and 326	210
<b>Comments</b>		

2.2.2 *Cochrane*

Date	7 October 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
ID	Search	
#1	[mh "Periodontal Abscess"]	20
#2	[mh ^"Periapical Abscess"]	38
#3	#1 or #2	57
#4	[mh ^"Abscess"]	322
#5	[mh "Dentistry"]	16 614
#6	#4 and #5	8
#7	abscess*:ab,ti	2 612
#8	necro*:ab,ti	14 053
#9	suppurative:ab,ti	420
#10	#7 or #8 or #9	16 902
#11	#5 and #10	224
#12	odontogenic:ab,ti	94
#13	peri?dont*:ab,ti	7 940
#14	endodont*:ab,ti	1 531
#15	apical:ab,ti	2 487
#16	peri?apical:ab,ti	973
#17	alveolar:ab,ti	4 881
#18	dentoalveolar:ab,ti	213
#19	parodont*:ab,ti	86
#20	#12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19	15 799
#21	#4 and #20	11



#22	((odontogenic or peri?dont* or endotont* or endodont* or apical or periapical or alveolar or dentoalveolar or parodont*) NEAR/3 (abscess* or necro* or suppurative)):ab,ti	147
#23	(suppurative NEAR/3 periodontitis):ab,ti	3
#24	"dental pulp necrosis":ab,ti	3
#25	"dental pulp gangrene":ab,ti	1
#26	"dental pulp autolysis":ab,ti	0
#27	"pulp mummification":ab,ti	0
#28	pericoroniti*:ab,ti	80
#29	#3 or #6 or #11 or #20 or #22 or #23 or #24 or #25 or #26 or #27 or #28	15 929
#30	[mh "Tooth, Deciduous"]	584
#31	((tooth or teeth or dentition?) NEAR/3 deciduous):ab,ti	182
#32	((tooth or teeth or dentition?) NEAR/3 primary):ab,ti	1 225
#33	((tooth or teeth or dentition?) NEAR/3 baby):ab,ti	21
#34	((tooth or teeth or dentition?) NEAR/3 milk):ab,ti	23
#35	((molar? or canine? or incisor?) NEAR/3 deciduous):ab,ti	116
#36	((molar? or canine? or incisor?) NEAR/3 primary):ab,ti	1 007
#37	((molar? or canine? or incisor?) NEAR/3 baby):ab,ti	1
#38	((molar? or canine? or incisor?) NEAR/3 milk):ab,ti	3
#39	#31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38	2 021
#40	#30 or #39	2 063
#41	#29 and #40	451
#42	[mh "Dental Caries"]	2 328
#43	caries:ab,ti	4 864
#44	carious:ab,ti	1 229
#45	decay:ab,ti	1 282
#46	fissure?:ab,ti	1 544
#47	#43 or #44 or #45 or #46	7 563



#48	#42 or #47	7 995
#49	#40 and #48	984
#50	[mh ^"Toothache"]	223
#51	odontalgia*:ab,ti	16
#52	toothache:ab,ti	98
#53	((ache or pain) NEAR/12 (tooth or teeth or pulp* or gingival or dental)):ab,ti	2 591
#54	pain:ti	49 337
#55	alveolalgia:ab,ti	1
#56	'dry socket':ab,ti	157
#57	dentalgia:ab,ti	0
#58	#51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57	50 734
#59	#50 or #58	50 781
#60	#40 and #59	313
#61	#41 or #49 or #60	1 394
#62	((brain or cervical or cerebral or epidural) NEXT abscess*):ti	6
#63	#61 not #62	1 394
#64	[mh "Anti-Bacterial Agents"]	11 384
#65	antibiotic*:ab,ti,so	25 893
#66	anti-biotic*:ab,ti,so	25 891
#67	bacteriocid*:ab,ti,so	26
#68	anti?bacterial*:ab,ti,so	2 680
#69	anti?mycobacterial*:ab,ti,so	95
#70	anti?infect*:ab,ti,so	528
#71	anti?microbial*:ab,ti,so	10 088
#72	#65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71	35 226
#73	Aminoglycoside?:ab,ti	765
#74	Ansamycin?:ab,ti	11



#75	(("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?))::ab,ti	929
#76	Carbapenem?:ab,ti	449
#77	penicillin?:ab,ti	2 294
#78	Cephalosporin?:ab,ti	1 352
#79	Lincosamide?:ab,ti	13
#80	macrolide?:ab,ti	973
#81	Monobactam?:ab,ti	27
#82	Nitrofuran?:ab,ti	12
#83	Oxazolidinone?:ab,ti	89
#84	carboxypenicillin?:ab,ti	3
#85	sulfonamide?:ab,ti	176
#86	Tetracycline?:ab,ti	1 791
#87	#73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86	8 061
#88	Alamethicin:ab,ti	1
#89	Amikacin:ab,ti	767
#90	Amoxicillin:ab,ti	4 097
#91	Amoxicillin-Potassium:ab,ti	10
#92	Amphotericin B:ab,ti	1 003
#93	Ampicillin:ab,ti	1 449
#94	Anisomycin:ab,ti	0
#95	"Antimycin A":ab,ti	2
#96	Aurodox:ab,ti	0
#97	Azithromycin:ab,ti	2 250
#98	Aztreonam:ab,ti	340
#99	Bacitracin:ab,ti	145
#100	Bacteriocin?:ab,ti	29
#101	Bambermycin?:ab,ti	0



#102	"Bongrekic Acid":ab,ti	0
#103	"Brefeldin A":ab,ti	6
#104	Butirosin:ab,ti	0
#105	Calcimycin:ab,ti	4
#106	Candididin:ab,ti	7
#107	Capreomycin:ab,ti	19
#108	Carbenicillin:ab,ti	133
#109	Carfecillin:ab,ti	2
#110	Cefaclor:ab,ti	435
#111	Cefadroxil:ab,ti	171
#112	Cefamandole:ab,ti	234
#113	Cefatrizine:ab,ti	21
#114	Cefazolin:ab,ti	821
#115	Cefdinir:ab,ti	104
#116	Cefepime:ab,ti	283
#117	Cefixime:ab,ti	321
#118	Cefmenoxime:ab,ti	31
#119	Cefmetazole:ab,ti	76
#120	Cefonicid:ab,ti	66
#121	Cefoperazone:ab,ti	249
#122	Cefotaxime:ab,ti	701
#123	Cefotetan:ab,ti	170
#124	Cefotiam:ab,ti	117
#125	Cefoxitin:ab,ti	438
#126	Cefsulodin:ab,ti	12
#127	Ceftazidime:ab,ti	927
#128	Ceftibuten:ab,ti	79



#129	Ceftizoxime:ab,ti	136
#130	Ceftriaxone:ab,ti	1 354
#131	Cefuroxime:ab,ti	832
#132	Cephacetrile:ab,ti	9
#133	Cephalexin:ab,ti	388
#134	Cephaloglycin:ab,ti	12
#135	Cephaloridine:ab,ti	72
#136	Cephalothin:ab,ti	179
#137	Cephamycin?:ab,ti	27
#138	Cephapirin:ab,ti	21
#139	Cephradine:ab,ti	113
#140	Chloramphenicol:ab,ti	467
#141	Chlortetracycline:ab,ti	29
#142	Ciprofloxacin:ab,ti	2 296
#143	Citrinin:ab,ti	0
#144	Clarithromycin:ab,ti	2 811
#145	Clavulanic NEXT Acid?:ab,ti	695
#146	clavulanate:ab,ti	710
#147	Clindamycin:ab,ti	1 524
#148	Cloxacillin:ab,ti	152
#149	Colistin:ab,ti	330
#150	Cyclacillin:ab,ti	14
#151	Dactinomycin:ab,ti	119
#152	dalbavancin:ab,ti	44
#153	Daptomycin:ab,ti	159
#154	Demeclocycline:ab,ti	22
#155	Dibekacacin:ab,ti	8



#156	Dicloxacillin:ab,ti	72
#157	Dihydrostreptomycin:ab,ti	3
#158	Diketopiperazines:ab,ti	3
#159	Distamycins:ab,ti	0
#160	Doripenem:ab,ti	84
#161	Doxycycline:ab,ti	1 766
#162	Echinomycin:ab,ti	1
#163	Edeine:ab,ti	0
#164	Enoxacin:ab,ti	105
#165	Enrofloxacin:ab,ti	11
#166	Enviomycin:ab,ti	0
#167	Ertapenem:ab,ti	160
#168	Erythromycin:ab,ti	1 743
#169	Fidaxomicin:ab,ti	106
#170	Filipin:ab,ti	11
#171	Floxacillin:ab,ti	0
#172	Flucloxacillin:ab,ti	175
#173	Fosfomycin:ab,ti	238
#174	Framycetin:ab,ti	26
#175	"Fusidic Acid":ab,ti	171
#176	furazolidone:ab,ti	230
#177	Gatifloxacin:ab,ti	264
#178	Gatifloxacin:ab,ti	264
#179	Gentamicins:ab,ti	1
#180	Gramicidin:ab,ti	29
#181	"Hygromycin B":ab,ti	1
#182	Imipenem:ab,ti	601



#183	Josamycin:ab,ti	65
#184	Kanamycin:ab,ti	110
#185	Kitasamycin:ab,ti	1
#186	Lactams:ab,ti	170
#187	Lasalocid:ab,ti	1
#188	Leucomycins:ab,ti	0
#189	Levofloxacin:ab,ti	1 324
#190	Lincomycin:ab,ti	68
#191	Lincosamides:ab,ti	6
#192	Linezolid:ab,ti	428
#193	Lomefloxacin:ab,ti	152
#194	Lucensomycin:ab,ti	0
#195	Lymecycline:ab,ti	57
#196	Mafenide:ab,ti	12
#197	Mepartricin:ab,ti	26
#198	Meropenem:ab,ti	526
#199	Methacycline:ab,ti	15
#200	Methicillin:ab,ti	1 108
#201	Metronidazole:ab,ti	3 936
#202	Mezlocillin:ab,ti	197
#203	Mikamycin:ab,ti	0
#204	Minocycline:ab,ti	885
#205	Miocamycin:ab,ti	14
#206	Moxalactam:ab,ti	129
#207	Moxifloxacin:ab,ti	1 215
#208	Mupirocin:ab,ti	398
#209	Mycobacillin:ab,ti	0



#210	Nadifloxacin:ab,ti	35
#211	Nafcillin:ab,ti	37
#212	"Nalidixic Acid":ab,ti	112
#213	Natamycin:ab,ti	60
#214	Nebramycin:ab,ti	0
#215	Neomycin:ab,ti	419
#216	Netilmicin:ab,ti	246
#217	Netropsin:ab,ti	0
#218	Nigericin:ab,ti	1
#219	Nisin:ab,ti	1
#220	Nitrofurantoin:ab,ti	258
#221	Norfloxacin:ab,ti	478
#222	Novobiocin:ab,ti	16
#223	Nystatin:ab,ti	353
#224	Ofloxacin:ab,ti	935
#225	Oleandomycin:ab,ti	5
#226	Oligomycin?:ab,ti	4
#227	Oritavancin:ab,ti	33
#228	Oxacillin:ab,ti	109
#229	"Oxolinic Acid":ab,ti	7
#230	Oxytetracycline:ab,ti	157
#231	Paromomycin:ab,ti	95
#232	Pefloxacin:ab,ti	159
#233	Pefloxacin:ab,ti	159
#234	"Penicillic Acid":ab,ti	0
#235	"Penicillin G":ab,ti	289
#236	"Penicillin V":ab,ti	270



#237	"Pipemidic Acid":ab,ti	58
#238	Piperacillin:ab,ti	772
#239	Pivampicillin:ab,ti	112
#240	"Polymyxin B":ab,ti	225
#241	Polymyxins:ab,ti	14
#242	Pristinamycin:ab,ti	35
#243	Prodigiosin:ab,ti	0
#244	Ribostamycin:ab,ti	5
#245	Rifabutin:ab,ti	203
#246	Rifamycin?:ab,ti	130
#247	Rifaximin:ab,ti	570
#248	Ristocetin:ab,ti	141
#249	Rolitetracycline:ab,ti	4
#250	Roxarsone:ab,ti	1
#251	Roxithromycin:ab,ti	252
#252	Rutamycin:ab,ti	0
#253	Sirolimus:ab,ti	2 435
#254	Sisomicin:ab,ti	58
#255	Spectinomycin:ab,ti	100
#256	Spiramycin:ab,ti	88
#257	"Streptogramin A":ab,ti	0
#258	"Streptogramin Group A":ab,ti	0
#259	"Streptogramin Group B":ab,ti	0
#260	Streptogramins:ab,ti	5
#261	Streptomycin:ab,ti	448
#262	Streptovaricin:ab,ti	0
#263	Sulbactam:ab,ti	450



#264	Sulbenicillin:ab,ti	6
#265	Sulfacetamide:ab,ti	27
#266	Sulfadiazine:ab,ti	350
#267	Sulfamerazine:ab,ti	1
#268	Sulfamethoxypyridazine:ab,ti	4
#269	Sulfanilamide:ab,ti	14
#270	Sulfasalazine:ab,ti	784
#271	Sulfisoxazole:ab,ti	54
#272	Sulfamethizole:ab,ti	18
#273	Talampicillin:ab,ti	17
#274	Tazobactam:ab,ti	509
#275	Teicoplanin:ab,ti	249
#276	telavancin:ab,ti	57
#277	Thiamphenicol:ab,ti	43
#278	Thienamycins:ab,ti	0
#279	Thiostrepton:ab,ti	1
#280	Ticarcillin:ab,ti	234
#281	Tigecycline:ab,ti	143
#282	Tinidazole:ab,ti	532
#283	Tinidazole:ab,ti	532
#284	Tobramycin:ab,ti	1 275
#285	torezolid:ab,ti	3
#286	tedizolid:ab,ti	55
#287	Trimethoprim:ab,ti	1 421
#288	Sulfamethoxazole:ab,ti	979
#289	Temocillin:ab,ti	22
#290	Troleandomycin:ab,ti	31



#291	Tunicamycin:ab,ti	5
#292	Tylosin:ab,ti	5
#293	Tyrocidine:ab,ti	0
#294	Tyrothricin:ab,ti	14
#295	Valinomycin:ab,ti	1
#296	Vancomycin:ab,ti	1 670
#297	"Vernamycin B":ab,ti	0
#298	Viomycin:ab,ti	3
#299	Virginiamycin:ab,ti	5
#300	amox-clav:ab,ti	9
#301	"amoxicillin-clavulanic acid":ab,ti	359
#302	augmentin:ab,ti	212
#303	brl-25000:ab,ti	3
#304	brl25000:ab,ti	5
#305	clavulin:ab,ti	3
#306	co-amoxiclav:ab,ti	153
#307	coamoxiclav:ab,ti	158
#308	spektramox:ab,ti	5
#309	synulox:ab,ti	0
#310	brl-14151:ab,ti	0
#311	brl14151:ab,ti	0
#312	mm-14151:ab,ti	0
#313	mm14151:ab,ti	0
#314	tazocel:ab,ti	0
#315	tazocillin:ab,ti	2
#316	tazocin:ab,ti	16
#317	zosyn:ab,ti	4



#318	betamaze:ab,ti	0
#319	cp-45899:ab,ti	0
#320	cp45899:ab,ti	0
#321	combactam:ab,ti	2
#322	ytr 830h:ab,ti	0
#323	ytr-830:ab,ti	0
#324	ytr830:ab,ti	0
#325	#73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278 OR #279 OR #280 OR #281 OR #282 OR #283 OR #284 OR #285 OR #286 OR #287 OR #288 OR #289 OR #290 OR #291 OR #292 OR #293 OR #294 OR #295 OR #296 OR #297 OR #298 OR #299 OR #300 OR #301 OR #302 OR #303 OR #304 OR #305 OR #306 OR #307 OR #308 OR #309	42 911
#326	#64 or #72 or #87 OR #325	63 719
#327	#63 and #326	102
<b>Comments</b>		



### 2.2.3 Embase

Date	6 Oct 2019	Results
Database	Embase.com	
Search strategy		
<b>ID</b>	<b>Search</b>	
#1	'periodontal abscess'/exp	217
#2	'tooth periapical disease'/de	6 502
#3	#1 OR #2	6 831
#4	'abscess'/de	44 506
#5	'dentistry'/exp	134 257
#6	#4 AND #5	159
#7	abscess*:ab,ti,kw	96 707
#8	necro*:ab,ti,kw	463 055
#9	suppurative:ab,ti,kw	13 390
#10	#7 OR #8 OR #9	562 970
#11	#5 AND #10	1 636
#12	odontogenic:ab,ti,kw	10 193
#13	peri\$dont*:ab,ti,kw	75 668
#14	endodont*:ab,ti,kw	20 519
#15	apical:ab,ti,kw	95 203
#16	peri\$apical:ab,ti,kw	7 741
#17	alveolar:ab,ti,kw	117 005
#18	dentoalveolar:ab,ti,kw	2 127
#19	parodont*:ab,ti,kw	1 474
#20	#12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19	305 459
#21	#4 AND #20	810



#22	((odontogenic OR peri\$dont* OR endodont* OR apical OR periapical OR alveolar OR dentoalveolar OR parodont*) NEAR/3 (abscess* OR necro* OR suppurative)):ab,ti,kw	2 339
#23	(suppurative NEAR/3 periodontitis):ab,ti,kw	23
#24	'dental pulp necrosis':ab,ti,kw	45
#25	'dental pulp gangrene':ab,ti,kw	9
#26	'dental pulp autolysis':ab,ti,kw	0
#27	'pulp mummification':ab,ti,kw	7
#28	pericoroniti*:ab,ti,kw	374
#29	#3 OR #6 OR #11 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28	10 380
#30	'deciduous tooth'/de	11 914
#31	((tooth OR teeth OR dentition\$) NEAR/3 deciduous):ab,ti,kw	5 137
#32	((tooth OR teeth OR dentition\$) NEAR/3 primary):ab,ti,kw	6 873
#33	((tooth OR teeth OR dentition\$) NEAR/3 baby):ab,ti,kw	168
#34	((tooth OR teeth OR dentition\$) NEAR/3 milk):ab,ti,kw	324
#35	((molar\$ OR canine\$ OR incisor\$) NEAR/3 deciduous):ab,ti,kw	1 552
#36	((molar\$ OR canine\$ OR incisor\$) NEAR/3 primary):ab,ti,kw	3 883
#37	((molar\$ OR canine\$ OR incisor\$) NEAR/3 baby):ab,ti,kw	4
#38	((molar\$ OR canine\$ OR incisor\$) NEAR/3 milk):ab,ti,kw	93
#39	#31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38	15 130
#40	#30 OR #39	18 575
#41	#29 AND #40	435
#42	'tooth pain'/de	7 485
#43	toothache:ab,ti,kw	1 544
#44	odontalgia:ab,ti,kw	243
#45	((ache OR pain) NEAR/12 (tooth OR teeth OR pulp* OR gingival OR dental)):ab,ti	8 289
#46	pain:ti	239 052
#47	alveolalgia:ab,ti,kw	4



#48	'dry socket':ab,ti,kw	350
#49	dentalgia:ab,ti,kw	7
#50	#43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49	245 755
#51	#42 OR #50	249 522
#52	#40 AND #51	386
#53	'dental caries'/exp	53 603
#54	carie\$:ab,ti,kw	43 178
#55	carious:ab,ti,kw	6 514
#56	decay:ab,ti,kw	71 602
#57	fissure\$:ab,ti,kw	20 183
#58	#54 OR #55 OR #56 OR #57	134 376
#59	#53 OR #58	151 276
#60	#40 AND #59	5 550
#61	'antiinfective agent'/exp	3 512 123
#62	antibiotic*:ab,ti,kw	438 505
#63	'anti biotic*':ab,ti,kw	310
#64	bacteriocid*:ab,ti,kw	710
#65	anti\$bacterial*:ab,ti,kw	97 543
#66	anti\$mycobacterial*:ab,ti,kw	4 688
#67	anti\$infect*:ab,ti,kw	1 583
#68	anti\$microbial*:ab,ti,kw	206 460
#69	#62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68	645 475
#70	aminoglycoside\$:ab,ti,kw,rn,tn	23 593
#71	ansamycin\$:ab,ti,kw,rn,tn	737
#72	("beta lactamase\$" OR 'b lactamase\$') NEAR/3 (antagonist\$ OR inhibitor\$):ab,ti,kw	1 173
#73	carbapenem\$:ab,ti,kw,rn,tn	16 813
#74	penicillin\$:ab,ti,kw,rn,tn	64 919



#75	cephalosporin\$:ab,ti,kw,rn,tn	28 737
#76	lincosamide\$:ab,ti,kw,rn,tn	1 746
#77	macrolide\$:ab,ti,kw,rn,tn	21 094
#78	monobactam\$:ab,ti,kw,rn,tn	952
#79	nitrofuran\$:ab,ti,kw,rn,tn	1 532
#80	oxazolidinone\$:ab,ti,kw,rn,tn	3 142
#81	carboxypenicillin\$:ab,ti,kw,rn,tn	53
#82	sulfonamide\$:ab,ti,kw,rn,tn	17 153
#83	tetracycline\$:ab,ti,kw,rn,tn	41 702
#84	#70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83	188 033
#85	alamethicin:ab,ti,kw,rn,tn	846
#86	amikacin:ab,ti,kw,rn,tn	13 117
#87	amoxicillin:ab,ti,kw,rn,tn	21 644
#88	'amoxicillin potassium':ab,ti,kw,rn,tn	33
#89	'amphotericin b':ab,ti,kw,rn,tn	22 862
#90	ampicillin:ab,ti,kw,rn,tn	28 181
#91	anisomycin:ab,ti,kw,rn,tn	1 843
#92	'antimycin a':ab,ti,kw,rn,tn	2 691
#93	aurodox:ab,ti,kw,rn,tn	39
#94	azithromycin:ab,ti,kw,rn,tn	12 248
#95	aztreonam:ab,ti,kw,rn,tn	4 223
#96	bacitracin:ab,ti,kw,rn,tn	3 495
#97	bacteriocin\$:ab,ti,kw,rn,tn	6 094
#98	bambermycin\$:ab,ti,kw,rn,tn	39
#99	'bongrekic acid':ab,ti,kw,rn,tn	401
#100	'brefeldin a':ab,ti,kw,rn,tn	4 145
#101	butirosin:ab,ti,kw,rn,tn	136



#102	calcimycin:ab,ti,kw,rn,tn	234
#103	candidicidin:ab,ti,kw,rn,tn	168
#104	capreomycin:ab,ti,kw,rn,tn	726
#105	carbenicillin:ab,ti,kw,rn,tn	2 750
#106	carfecillin:ab,ti,kw,rn,tn	82
#107	cefaclor:ab,ti,kw,rn,tn	2 344
#108	cefadroxil:ab,ti,kw,rn,tn	926
#109	cefamandole:ab,ti,kw,rn,tn	1 542
#110	cefatrizine:ab,ti,kw,rn,tn	200
#111	cefazolin:ab,ti,kw,rn,tn	5 771
#112	cefdinir:ab,ti,kw,rn,tn	699
#113	cefpime:ab,ti,kw,rn,tn	5 224
#114	cefixime:ab,ti,kw,rn,tn	2 598
#115	cefmenoxime:ab,ti,kw,rn,tn	610
#116	cefmetazole:ab,ti,kw,rn,tn	830
#117	cefonicid:ab,ti,kw,rn,tn	291
#118	cefoperazone:ab,ti,kw,rn,tn	3 706
#119	cefotaxime:ab,ti,kw,rn,tn	10 821
#120	cefotetan:ab,ti,kw,rn,tn	1 021
#121	cefotiam:ab,ti,kw,rn,tn	1 046
#122	cefoxitin:ab,ti,kw,rn,tn	5 363
#123	cefsulodin:ab,ti,kw,rn,tn	735
#124	ceftazidime:ab,ti,kw,rn,tn	12 138
#125	ceftibuten:ab,ti,kw,rn,tn	396
#126	ceftizoxime:ab,ti,kw,rn,tn	1 273
#127	ceftriaxone:ab,ti,kw,rn,tn	15 995
#128	cefuroxime:ab,ti,kw,rn,tn	6 009



#129	cephacetrile:ab,ti,kw,rn,tn	193
#130	cephalexin:ab,ti,kw,rn,tn	3 414
#131	cephaloglycin:ab,ti,kw,rn,tn	100
#132	cephaloridine:ab,ti,kw,rn,tn	1 409
#133	cephalothin:ab,ti,kw,rn,tn	3 354
#134	cephamycin\$:ab,ti,kw,rn,tn	903
#135	cephapirin:ab,ti,kw,rn,tn	404
#136	cephradine:ab,ti,kw,rn,tn	739
#137	chloramphenicol:ab,ti,kw,rn,tn	28 048
#138	chlortetracycline:ab,ti,kw,rn,tn	2 790
#139	ciprofloxacin:ab,ti,kw,rn,tn	34 214
#140	citrinin:ab,ti,kw,rn,tn	928
#141	clarithromycin:ab,ti,kw,rn,tn	13 283
#142	"clavulanic acid\$":ab,ti,kw,rn,tn	7 229
#143	clavulanate:ab,ti,kw,rn,tn	4 612
#144	clindamycin:ab,ti,kw,rn,tn	13 576
#145	cloxacillin:ab,ti,kw,rn,tn	2 145
#146	colistin:ab,ti,kw,rn,tn	7 783
#147	cyclacillin:ab,ti,kw,rn,tn	97
#148	dactinomycin:ab,ti,kw,rn,tn	1 089
#149	dalbavancin:ab,ti,kw,rn,tn	497
#150	daptomycin:ab,ti,kw,rn,tn	4 205
#151	demeclocycline:ab,ti,kw,rn,tn	391
#152	dibekacin:ab,ti,kw,rn,tn	431
#153	dicloxacillin:ab,ti,kw,rn,tn	840
#154	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#155	diketopiperazines:ab,ti,kw,rn,tn	636



#156	distamycins:ab,ti,kw,rn,tn	35
#157	doripenem:ab,ti,kw,rn,tn	986
#158	doxycycline:ab,ti,kw,rn,tn	18 895
#159	echinomycin:ab,ti,kw,rn,tn	315
#160	edeine:ab,ti,kw,rn,tn	120
#161	enoxacin:ab,ti,kw,rn,tn	1 289
#162	enrofloxacin:ab,ti,kw,rn,tn	2 813
#163	enviomycin:ab,ti,kw,rn,tn	54
#164	ertapenem:ab,ti,kw,rn,tn	2 406
#165	erythromycin:ab,ti,kw,rn,tn	24 886
#166	fidaxomicin:ab,ti,kw,rn,tn	688
#167	filipin:ab,ti,kw,rn,tn	1 542
#168	floxacillin:ab,ti,kw,rn,tn	15
#169	flucloxacillin:ab,ti,kw,rn,tn	1 402
#170	fosfomycin:ab,ti,kw,rn,tn	3 980
#171	framycetin:ab,ti,kw,rn,tn	220
#172	'fusidic acid':ab,ti,kw,rn,tn	2 160
#173	furazolidone:ab,ti,kw,rn,tn	1 621
#174	gatifloxacin:ab,ti,kw,rn,tn	2 146
#175	gatifloxacin:ab,ti,kw,rn,tn	2 146
#176	gentamicins:ab,ti,kw,rn,tn	88
#177	gramicidin:ab,ti,kw,rn,tn	3 671
#178	'hygromycin b':ab,ti,kw,rn,tn	952
#179	imipenem:ab,ti,kw,rn,tn	14 640
#180	josamycin:ab,ti,kw,rn,tn	870
#181	kanamycin:ab,ti,kw,rn,tn	9 751
#182	kitasamycin:ab,ti,kw,rn,tn	95



#183	lactams:ab,ti,kw,rn,tn	13 167
#184	lasalocid:ab,ti,kw,rn,tn	641
#185	leucomycins:ab,ti,kw,rn,tn	26
#186	levofloxacin:ab,ti,kw,rn,tn	11 728
#187	lincomycin:ab,ti,kw,rn,tn	2 678
#188	lincosamides:ab,ti,kw,rn,tn	812
#189	linezolid:ab,ti,kw,rn,tn	8 217
#190	lomefloxacin:ab,ti,kw,rn,tn	1 131
#191	lucensomycin:ab,ti,kw,rn,tn	31
#192	lymecycline:ab,ti,kw,rn,tn	157
#193	mafénide:ab,ti,kw,rn,tn	199
#194	meparticin:ab,ti,kw,rn,tn	137
#195	meropenem:ab,ti,kw,rn,tn	10 386
#196	methacycline:ab,ti,kw,rn,tn	211
#197	methicillin:ab,ti,kw,rn,tn	40 916
#198	metronidazole:ab,ti,kw,rn,tn	21 512
#199	mezlocillin:ab,ti,kw,rn,tn	1 215
#200	mikamycin:ab,ti,kw,rn,tn	43
#201	minocycline:ab,ti,kw,rn,tn	8 927
#202	miocamycin:ab,ti,kw,rn,tn	156
#203	moxalactam:ab,ti,kw,rn,tn	1 458
#204	moxifloxacin:ab,ti,kw,rn,tn	6 387
#205	mupirocin:ab,ti,kw,rn,tn	2 463
#206	mycobacillin:ab,ti,kw,rn,tn	61
#207	nadifloxacin:ab,ti,kw,rn,tn	135
#208	nafcillin:ab,ti,kw,rn,tn	873
#209	'nalidixic acid':ab,ti,kw,rn,tn	6 296



#210	natamycin:ab,ti,kw,rn,tn	731
#211	nebramycin:ab,ti,kw,rn,tn	40
#212	neomycin:ab,ti,kw,rn,tn	10 505
#213	netilmicin:ab,ti,kw,rn,tn	2 264
#214	netropsin:ab,ti,kw,rn,tn	651
#215	nigericin:ab,ti,kw,rn,tn	1 712
#216	nisin:ab,ti,kw,rn,tn	2 324
#217	nitrofurantoin:ab,ti,kw,rn,tn	4 703
#218	norfloxacin:ab,ti,kw,rn,tn	5 835
#219	novobiocin:ab,ti,kw,rn,tn	2 573
#220	nystatin:ab,ti,kw,rn,tn	4 505
#221	ofloxacin:ab,ti,kw,rn,tn	8 887
#222	oleandomycin:ab,ti,kw,rn,tn	790
#223	oligomycin\$:ab,ti,kw,rn,tn	3 837
#224	oritavancin:ab,ti,kw,rn,tn	430
#225	oxacillin:ab,ti,kw,rn,tn	5 675
#226	'oxolinic acid':ab,ti,kw,rn,tn	726
#227	oxytetracycline:ab,ti,kw,rn,tn	5 369
#228	paromomycin:ab,ti,kw,rn,tn	1 473
#229	pefloxacin:ab,ti,kw,rn,tn	1 612
#230	pefloxacin:ab,ti,kw,rn,tn	1 612
#231	'penicillic acid':ab,ti,kw,rn,tn	255
#232	'penicillin g':ab,ti,kw,rn,tn	7 535
#233	'penicillin v':ab,ti,kw,rn,tn	1 409
#234	'pipemidic acid':ab,ti,kw,rn,tn	628
#235	piperacillin:ab,ti,kw,rn,tn	1 0681
#236	pivampicillin:ab,ti,kw,rn,tn	411



#237	'polymyxin b':ab,ti,kw,rn,tn	5 850
#238	polymyxins:ab,ti,kw,rn,tn	994
#239	pristinamycin:ab,ti,kw,rn,tn	591
#240	prodigiosin:ab,ti,kw,rn,tn	608
#241	ribostamycin:ab,ti,kw,rn,tn	192
#242	rifabutin:ab,ti,kw,rn,tn	1 585
#243	rifamycin\$:ab,ti,kw,rn,tn	2 344
#244	rifaximin:ab,ti,kw,rn,tn	2 255
#245	ristocetin:ab,ti,kw,rn,tn	4 122
#246	rolitetracycline:ab,ti,kw,rn,tn	129
#247	roxarsone:ab,ti,kw,rn,tn	229
#248	roxithromycin:ab,ti,kw,rn,tn	1 823
#249	rutamycin:ab,ti,kw,rn,tn	68
#250	sirolimus:ab,ti,kw,rn,tn	14 562
#251	sisomicin:ab,ti,kw,rn,tn	895
#252	spectinomycin:ab,ti,kw,rn,tn	2 408
#253	spiramycin:ab,ti,kw,rn,tn	1 453
#254	'streptogramin a':ab,ti,kw,rn,tn	113
#255	'streptogramin group a':ab,ti,kw,rn,tn	5
#256	'streptogramin group b':ab,ti,kw,rn,tn	4
#257	streptogramins:ab,ti,kw,rn,tn	384
#258	streptomycin:ab,ti,kw,rn,tn	23 415
#259	streptovaricin:ab,ti,kw,m,tn	94
#260	sulbactam:ab,ti,kw,rn,tn	4 994
#261	sulbenicillin:ab,ti,kw,rn,tn	191
#262	sulfacetamide:ab,ti,kw,rn,tn	311
#263	sulfadiazine:ab,ti,kw,rn,tn	3 817



#264	sulfamerazine:ab,ti,kw,rn,tn	433
#265	sulfamethoxypyridazine:ab,ti,kw,rn,tn	335
#266	sulfanilamide:ab,ti,kw,rn,tn	1 296
#267	sulfasalazine:ab,ti,kw,rn,tn	5 328
#268	sulfisoxazole:ab,ti,kw,rn,tn	774
#269	sulfamethizole:ab,ti,kw,rn,tn	226
#270	talampicillin:ab,ti,kw,rn,tn	148
#271	tazobactam:ab,ti,kw,rn,tn	8 021
#272	teicoplanin:ab,ti,kw,rn,tn	4 893
#273	telavancin:ab,ti,kw,rn,tn	517
#274	thiamphenicol:ab,ti,kw,rn,tn	860
#275	thienamycins:ab,ti,kw,rn,tn	9
#276	thiostrepton:ab,ti,kw,rn,tn	601
#277	ticarcillin:ab,ti,kw,rn,tn	2 506
#278	tigecycline:ab,ti,kw,rn,tn	4 515
#279	tinidazole:ab,ti,kw,rn,tn	1 817
#280	tinidazole:ab,ti,kw,rn,tn	1 817
#281	tobramycin:ab,ti,kw,rn,tn	9 188
#282	torezolid:ab,ti,kw,rn,tn	41
#283	tedizolid:ab,ti,kw,rn,tn	354
#284	trimethoprim:ab,ti,kw,rn,tn	20 456
#285	sulfamethoxazole:ab,ti,kw,rn,tn	15 440
#286	temocillin:ab,ti,kw,rn,tn	366
#287	troleandomycin:ab,ti,kw,rn,tn	660
#288	tunicamycin:ab,ti,kw,rn,tn	5 958
#289	tylosin:ab,ti,kw,rn,tn	1 646
#290	tyrocidine:ab,ti,kw,rn,tn	193



#291	tyrothricin:ab,ti,kw,rn,tn	214
#292	valinomycin:ab,ti,kw,rn,tn	3 080
#293	vancomycin:ab,ti,kw,rn,tn	37 989
#294	vernamycin AND b:ab,ti,kw,rn,tn	23
#295	viomycin:ab,ti,kw,rn,tn	469
#296	virginiamycin:ab,ti,kw,rn,tn	591
#297	'amox clav':ab,ti,kw,rn,tn	30
#298	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 271
#299	augmentin:ab,ti,kw,rn,tn	3 895
#300	'bri 25000':ab,ti,kw,rn,tn	107
#301	bri25000:ab,ti,kw,rn,tn	80
#302	clavulin:ab,ti,kw,rn,tn	58
#303	'co amoxiclav':ab,ti,kw,rn,tn	943
#304	coamoxiclav:ab,ti,kw,rn,tn	177
#305	spektramox:ab,ti,kw,rn,tn	22
#306	synulox:ab,ti,kw,rn,tn	132
#307	'bri 14151':ab,ti,kw,rn,tn	20
#308	bri14151:ab,ti,kw,rn,tn	3
#309	'mm 14151':ab,ti,kw,rn,tn	2
#310	mm14151:ab,ti,kw,rn,tn	0
#311	tazocel:ab,ti,kw,rn,tn	8
#312	tazocillin:ab,ti,kw,rn,tn	27
#313	tazocin:ab,ti,kw,rn,tn	537
#314	zosyn:ab,ti,kw,rn,tn	610
#315	betamaze:ab,ti,kw,rn,tn	5
#316	'cp 45899':ab,ti,kw,rn,tn	76
#317	cp45899:ab,ti,kw,rn,tn	1



#318	combactam:ab,ti,kw,rn,tn	42
#319	'ytr 830h':ab,ti,kw,rn,tn	21
#320	'ytr 830':ab,ti,kw,rn,tn	44
#321	ytr830:ab,ti,kw,rn,tn	1
#322	#85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278 OR #279 OR #280 OR #281 OR #282 OR #283 OR #284 OR #285 OR #286 OR #287 OR #288 OR #289 OR #290 OR #291 OR #292 OR #293 OR #294 OR #295 OR #296 OR #297 OR #298 OR #299 OR #300 OR #301 OR #302 OR #303 OR #304 OR #305 OR #306 OR #307 OR #308 OR #309 OR #310 OR #311 OR #312 OR #313 OR #314 OR #315 OR #316 OR #317 OR #318 OR #319 OR #320 OR #321	509 141
#323	#61 OR #69 OR #84 OR #322	3 724 627
#324	#41 AND #323	131
#325	#52 AND #323	60
#326	#60 AND #323	335
#327	#324 OR #325 OR #326	457
#328	#327 NOT [medline]/lim	45
#329	#328 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	45
<b>Comments</b>		



## 2.3 Symptomatic irreversible pulpitis in permanent teeth

### 2.3.1 Systematic reviews and RCTs

#### 2.3.1.1 Ovid MEDLINE

Date	10 September 2019	Results
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to September 10, 2019>	
Search strategy		
ID	Search	
1	"Pulp Capping and Pulpectomy Agents"/	312
2	pulpectomy/	1 133
3	Pulpotomy/	1 511
4	1 or 2 or 3	2 651
5	(pulp adj3 necros*).ab,ti,kf.	728
6	((total or infected or sterile or irreversible) adj3 pulpitis).ab,ti,kf.	565
7	pulpectom*.ab,ti,kf.	558
8	pulpotom*.ab,ti,kf.	1 179
9	5 or 6 or 7 or 8	2 801
10	4 or 9	4 277
11	Pulpitis/	2 714
12	pulpitis.ab,ti,kf.	1 549
13	11 or 12	3 297
14	Toothache/	2 754
15	toothache.ab,ti,kf.	1 211
16	odontalgia*.ab,ti,kf.	211
17	((tooth or teeth) adj3 pain).ab,ti,kw.	975
18	dentalgia?.ab,ti,kf.	4



19	15 or 16 or 17 or 18	2 308
20	14 or 19	4 255
21	13 and 20	305
22	exp "Root Canal Therapy"/	20 477
23	('root canal' adj3 (therap* or treatment?)).ab,ti,kf.	4 970
24	22 or 23	22 277
25	13 and 24	740
26	Endodontics/	2 129
27	endodontic*.ab,ti,kf.	18 786
28	26 or 27	19 361
29	13 and 28	714
30	10 or 21 or 25 or 29	5 043
31	exp Anti-Bacterial Agents/	705 462
32	antibiotic*.ab,ti,kf,jw.	341 497
33	anti-biotic*.ab,ti,kf,jw.	125
34	bacteriocid*.ab,ti,kf,jw.	578
35	anti?bacterial*.ab,ti,kf,jw.	70 388
36	anti?mycobacterial*.ab,ti,kf,jw.	3 665
37	anti?infect*.ab,ti,kf,jw.	2 596
38	anti?microbial*.ab,ti,kf,jw.	199 506
39	32 or 33 or 34 or 35 or 36 or 37 or 38	530 454
40	Aminoglycoside?.ab,ti,kf,nm.	23 412
41	Ansamycin?.ab,ti,kf,nm.	560
42	("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?).ab,ti,kf,jw.	2 846
43	Carbapenem?.ab,ti,kf,nm.	12 267
44	penicillin?.ab,ti,kf,nm.	77 125
45	Cephalosporin?.ab,ti,kf,nm.	31 626



46	Lincosamide?.ab,ti,kf,nm.	1 580
47	macrolide?.ab,ti,kf,nm.	22 788
48	Monobactam?.ab,ti,kf,nm.	930
49	Nitrofuran?.ab,ti,kf,nm.	2 547
50	Oxazolidinone?.ab,ti,kf,nm.	5 118
51	carboxypenicillin?.ab,ti,kf,nm.	45
52	sulfonamide?.ab,ti,kf,nm.	53 015
53	Tetracycline?.ab,ti,kf,nm.	45 110
54	40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53	241 240
55	Alamethicin.ab,ti,kf,nm.	837
56	Amikacin.ab,ti,kf,nm.	9 867
57	Amoxicillin.ab,ti,kf,nm.	19 290
58	Amoxicillin-Potassium.ab,ti,kf,nm.	2 507
59	Amphotericin B.ab,ti,kf,nm.	22 980
60	Ampicillin.ab,ti,kf,nm.	28 531
61	Anisomycin.ab,ti,kf,nm.	1 967
62	Antimycin A.ab,ti,kf,nm.	4 338
63	Aurodox.ab,ti,kf,nm.	35
64	Azithromycin.ab,ti,kf,nm.	8 671
65	Aztreonam.ab,ti,kf,nm.	3 235
66	Bacitracin.ab,ti,kf,nm.	4 150
67	Bacteriocin?.ab,ti,kf,nm.	8 022
68	Bambermycin?.ab,ti,kf,nm.	134
69	Bongrekic Acid.ab,ti,kf,nm.	452
70	Brefeldin A.ab,ti,kf,nm.	4 137
71	Butirosin.ab,ti,kf,nm.	151
72	Calcimycin.ab,ti,kf,nm.	11 917



73	Candidin.ab,ti,kf,nm.	306
74	Capreomycin.ab,ti,kf,nm.	662
75	Carbenicillin.ab,ti,kf,nm.	3 289
76	Carfecillin.ab,ti,kf,nm.	37
77	Cefaclor.ab,ti,kf,nm.	1 771
78	Cefadroxil.ab,ti,kf,nm.	719
79	Cefamandole.ab,ti,kf,nm.	1 646
80	Cefatrizine.ab,ti,kf,nm.	117
81	Cefazolin.ab,ti,kf,nm.	5 150
82	Cefdinir.ab,ti,kf,nm.	424
83	Cefepime.ab,ti,kf,nm.	3 298
84	Cefixime.ab,ti,kf,nm.	1 708
85	Cefmenoxime.ab,ti,kf,nm.	521
86	Cefmetazole.ab,ti,kf,nm.	685
87	Cefonicid.ab,ti,kf,nm.	251
88	Cefoperazone.ab,ti,kf,nm.	2 686
89	Cefotaxime.ab,ti,kf,nm.	10 521
90	Cefotetan.ab,ti,kf,nm.	798
91	Cefotiam.ab,ti,kf,nm.	686
92	Cefoxitin.ab,ti,kf,nm.	4 550
93	Cefsulodin.ab,ti,kf,nm.	632
94	Ceftazidime.ab,ti,kf,nm.	9 334
95	Ceftibuten.ab,ti,kf,nm.	318
96	Ceftizoxime.ab,ti,kf,nm.	1 579
97	Ceftriaxone.ab,ti,kf,nm.	12 029
98	Cefuroxime.ab,ti,kf,nm.	4 782
99	Cephacetrile.ab,ti,kf,nm.	163



100	Cephalexin.ab,ti,kf,nm.	3 504
101	Cephaloglycin.ab,ti,kf,nm.	131
102	Cephaloridine.ab,ti,kf,nm.	2 068
103	Cephalothin.ab,ti,kf,nm.	4 423
104	Cephamycin?.ab,ti,kf,nm.	1 675
105	Cephapirin.ab,ti,kf,nm.	612
106	Cephradine.ab,ti,kf,nm.	870
107	Chloramphenicol.ab,ti,kf,nm.	40 172
108	Chlortetracycline.ab,ti,kf,nm.	6 558
109	Ciprofloxacin.ab,ti,kf,nm.	27 221
110	Citrinin.ab,ti,kf,nm.	854
111	Clarithromycin.ab,ti,kf,nm.	10 244
112	Clavulanic Acid?.ab,ti,kf,nm.	6 245
113	clavulanate.ab,ti,kf,nm.	5 057
114	Clindamycin.ab,ti,kf,nm.	11 830
115	Cloxacillin.ab,ti,kf,nm.	2 660
116	Colistin.ab,ti,kf,nm.	7 010
117	Cyclacillin.ab,ti,kf,nm.	110
118	Dactinomycin.ab,ti,kf,nm.	19 104
119	dalbavancin.ab,ti,kf,nm.	402
120	Daptomycin.ab,ti,kf,nm.	3 087
121	Demeclocycline.ab,ti,kf,nm.	1 014
122	Dibekacin.ab,ti,kf,nm.	629
123	Dicloxacillin.ab,ti,kf,nm.	905
124	Dihydrostreptomycin.ab,ti,kf,nm.	1 564
125	Diketopiperazines.ab,ti,kf,nm.	896
126	Distamycins.ab,ti,kf,nm.	778



127	Doripenem.ab,ti,kf,nm.	643
128	Doxycycline.ab,ti,kf,nm.	16 261
129	Echinomycin.ab,ti,kf,nm.	332
130	Edeine.ab,ti,kf,nm.	144
131	Enoxacin.ab,ti,kf,nm.	1 127
132	Enrofloxacin.ab,ti,kf,nm.	2 531
133	Enviomycin.ab,ti,kf,nm.	75
134	Ertapenem.ab,ti,kf,nm.	1 517
135	Erythromycin.ab,ti,kf,nm.	25 613
136	Fidaxomicin.ab,ti,kf,nm.	480
137	Filipin.ab,ti,kf,nm.	1 437
138	Floxacillin.ab,ti,kf,nm.	731
139	Flucloxacillin.ab,ti,kf,nm.	828
140	Fosfomycin.ab,ti,kf,nm.	3208
141	Framycetin.ab,ti,kf,nm.	562
142	Fusidic Acid.ab,ti,kf,nm.	2 469
143	furazolidone.ab,ti,kf,nm.	1 818
144	Gatifloxacin.ab,ti,kf,nm.	1 710
145	Gatifloxacin.ab,ti,kf,nm.	1 710
146	Gentamicins.ab,ti,kf,nm.	18 041
147	Gramicidin.ab,ti,kf,nm.	4 055
148	Hygromycin B.ab,ti,kf,nm.	1 504
149	Imipenem.ab,ti,kf,nm.	10 672
150	Josamycin.ab,ti,kf,nm.	718
151	Kanamycin.ab,ti,kf,nm.	13 715
152	Kitasamycin.ab,ti,kf,nm.	126
153	Lactams.ab,ti,kf,nm.	19 480



154	Lasalocid.ab,ti,kf,nm.	911
155	Leucomycins.ab,ti,kf,nm.	1 851
156	Levofloxacin.ab,ti,kf,nm.	7 473
157	Lincomycin.ab,ti,kf,nm.	3 362
158	Lincosamides.ab,ti,kf,nm.	962
159	Linezolid.ab,ti,kf,nm.	5 774
160	Lomefloxacin.ab,ti,kf,nm.	904
161	Lucensomycin.ab,ti,kf,nm.	41
162	Lymecycline.ab,ti,kf,nm.	170
163	Mafenide.ab,ti,kf,nm.	267
164	Mepartricin.ab,ti,kf,nm.	104
165	Meropenem.ab,ti,kf,nm.	6 553
166	Methacycline.ab,ti,kf,nm.	414
167	Methicillin.ab,ti,kf,nm.	32 995
168	Metronidazole.ab,ti,kf,nm.	19 182
169	Mezlocillin.ab,ti,kf,nm.	1 037
170	Mikamycin.ab,ti,kf,nm.	46
171	Minocycline.ab,ti,kf,nm.	8 612
172	Miocamycin.ab,ti,kf,nm.	309
173	Moxalactam.ab,ti,kf,nm.	1527
174	Moxifloxacin.ab,ti,kf,nm.	4 681
175	Mupirocin.ab,ti,kf,nm.	1 979
176	Mycobacillin.ab,ti,kf,nm.	59
177	Nadifloxacin.ab,ti,kf,nm.	95
178	Nafcillin.ab,ti,kf,nm.	962
179	Nalidixic Acid.ab,ti,kf,nm.	6 605
180	Natamycin.ab,ti,kf,nm.	1 019



181	Nebramycin.ab,ti,kf,nm.	169
182	Neomycin.ab,ti,kf,nm.	13 231
183	Netilmicin.ab,ti,kf,nm.	1 939
184	Netropsin.ab,ti,kf,nm.	750
185	Nigericin.ab,ti,kf,nm.	2 113
186	Nisin.ab,ti,kf,nm.	2 255
187	Nitrofurantoin.ab,ti,kf,nm.	4 487
188	Norfloxacin.ab,ti,kf,nm.	4 922
189	Novobiocin.ab,ti,kf,nm.	3 268
190	Nystatin.ab,ti,kf,nm.	5 108
191	Ofloxacin.ab,ti,kf,nm.	9 468
192	Oleandomycin.ab,ti,kf,nm.	1 304
193	Oligomycin?.ab,ti,kf,nm.	5 030
194	Oritavancin.ab,ti,kf,nm.	377
195	Oxacillin.ab,ti,kf,nm.	5 458
196	Oxolinic Acid.ab,ti,kf,nm.	719
197	Oxytetracycline.ab,ti,kf,nm.	8 307
198	Paromomycin.ab,ti,kf,nm.	1 857
199	Pefloxacin.ab,ti,kf,nm.	1 410
200	Pefloxacin.ab,ti,kf,nm.	1 410
201	Penicillic Acid.ab,ti,kf,nm.	262
202	Penicillin G.ab,ti,kf,nm.	15 131
203	Penicillin V.ab,ti,kf,nm.	2 672
204	Pipemidic Acid.ab,ti,kf,nm.	444
205	Piperacillin.ab,ti,kf,nm.	7 122
206	Pivampicillin.ab,ti,kf,nm.	331
207	Polymyxin B.ab,ti,kf,nm.	5 897



208	Polymyxins.ab,ti,kf,nm.	3 449
209	Pristinamycin.ab,ti,kf,nm.	499
210	Prodigiosin.ab,ti,kf,nm.	788
211	Ribostamycin.ab,ti,kf,nm.	189
212	Rifabutin.ab,ti,kf,nm.	2 481
213	Rifamycin?.ab,ti,kf,nm.	3 107
214	Rifaximin.ab,ti,kf,nm.	1 255
215	Ristocetin.ab,ti,kf,nm.	3 159
216	Rolitetracycline.ab,ti,kf,nm.	397
217	Roxarsone.ab,ti,kf,nm.	240
218	Roxithromycin.ab,ti,kf,nm.	1 477
219	Rutamycin.ab,ti,kf,nm.	81
220	Sirolimus.ab,ti,kf,nm.	19 976
221	Sisomicin.ab,ti,kf,nm.	798
222	Spectinomycin.ab,ti,kf,nm.	2 645
223	Spiramycin.ab,ti,kf,nm.	1 502
224	Streptogramin A.ab,ti,kf,nm.	135
225	Streptogramin Group A.ab,ti,kf,nm.	9
226	Streptogramin Group B.ab,ti,kf,nm.	26
227	Streptogramins.ab,ti,kf,nm.	389
228	Streptomycin.ab,ti,kf,nm.	30 894
229	Streptovaricin.ab,ti,kf,nm.	155
230	Sulbactam.ab,ti,kf,nm.	3 514
231	Sulbenicillin.ab,ti,kf,nm.	174
232	Sulfacetamide.ab,ti,kf,nm.	471
233	Sulfadiazine.ab,ti,kf,nm.	5 163
234	Sulfamerazine.ab,ti,kf,nm.	685



235	Sulfamethoxypyridazine.ab,ti,kf,nm.	751
236	Sulfanilamide.ab,ti,kf,nm.	7 115
237	Sulfasalazine.ab,ti,kf,nm.	5654
238	Sulfisoxazole.ab,ti,kf,nm.	1 318
239	Sulfamethizole.ab,ti,kf,nm.	418
240	Talampicillin.ab,ti,kf,nm.	104
241	Tazobactam.ab,ti,kf,nm.	4 807
242	Teicoplanin.ab,ti,kf,nm.	3 954
243	telavancin.ab,ti,kf,nm.	401
244	Thiamphenicol.ab,ti,kf,nm.	1 150
245	Thienamycins.ab,ti,kf,nm.	3 579
246	Thiostrepton.ab,ti,kf,nm.	567
247	Ticarcillin.ab,ti,kf,nm.	2 140
248	Tigecycline.ab,ti,kf,nm.	3 103
249	Tinidazole.ab,ti,kf,nm.	1 419
250	Tinidazole.ab,ti,kf,nm.	1 419
251	Tobramycin.ab,ti,kf,nm.	7 617
252	torezolid.ab,ti,kf,nm.	23
253	tedizolid.ab,ti,kf,nm.	286
254	Trimethoprim.ab,ti,kf,nm.	21 506
255	Sulfamethoxazole.ab,ti,kf,nm.	18 032
256	Temocillin.ab,ti,kf,nm.	289
257	Troleandomycin.ab,ti,kf,nm.	876
258	Tunicamycin.ab,ti,kf,nm.	5 802
259	Tylosin.ab,ti,kf,nm.	1 849
260	Tyrocidine.ab,ti,kf,nm.	224
261	Tyrothricin.ab,ti,kf,nm.	797



262	Valinomycin.ab,ti,kf,nm.	4 302
263	Vancomycin.ab,ti,kf,nm.	28 992
264	Vernamycin B.ab,ti,kf,nm.	17
265	Viomycin.ab,ti,kf,nm.	805
266	Virginiamycin.ab,ti,kf,nm.	1 440
267	amox-clav.ab,ti,kf,nm.	14
268	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 285
269	augmentin.ab,ti,kf,nm.	604
270	brl-25000.ab,ti,kf,nm.	30
271	brl25000.ab,ti,kf,nm.	1
272	clavulin.ab,ti,kf,nm.	4
273	co-amoxiclav.ab,ti,kf,nm.	523
274	coamoxiclav.ab,ti,kf,nm.	35
275	spekramox.ab,ti,kf,nm.	6
276	synulox.ab,ti,kf,nm.	5
277	brl-14151.ab,ti,kf,nm.	2
278	brl14151.ab,ti,kf,nm.	0
279	mm-14151.ab,ti,kf,nm.	0
280	mm14151.ab,ti,kf,nm.	0
281	tazocel.ab,ti,kf,nm.	1
282	tazocillin.ab,ti,kf,nm.	9
283	tazocin.ab,ti,kf,nm.	58
284	zosyn.ab,ti,kf,nm.	28
285	betamaze.ab,ti,kf,nm.	0
286	cp-45899.ab,ti,kf,nm.	10
287	cp45899.ab,ti,kf,nm.	0
288	combactam.ab,ti,kf,nm.	3



289	ytr 830h.ab,ti,kf,nm.	9
290	ytr-830.ab,ti,kf,nm.	28
291	ytr830.ab,ti,kf,nm.	0
292	55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273 or 274 or 275 or 276 or 277 or 278 or 279 or 280 or 281 or 282 or 283 or 284 or 285 or 286 or 287 or 288 or 289 or 290 or 291	550 023
293	31 or 39 or 54 or 292	1 117 492
294	30 and 293	373
295	randomized controlled trial.pt.	489 084
296	controlled clinical trial.pt.	93 275
297	randomized.ti,ab.	490 454
298	placebo.ti,ab.	206 208
299	clinical trials as topic/	188 281
300	randomly.ti,ab.	318 845
301	trial?.ti.	273 070
302	295 or 296 or 297 or 298 or 299 or 300 or 301	1 269 916
303	exp animal/ not humans/	4 617 149
304	302 not 303	1 168 929
305	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development	365 420



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conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ((evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and (((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri\*)) or 'exclusion criteri\*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview\* or review or reviews or search\* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy\* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.))) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

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306	294 and 305	24
307	304 and 294	64

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**Comments**

2.3.1.2 *Cochrane*

Date	12 September 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
ID	Search	
#1	[mh ^"Pulp Capping and Pulpectomy Agents"]	67
#2	[mh ^"pulpectomy"]	73
#3	[mh ^"Pulpotomy"]	154
#4	#1 or #2 or #3	248
#5	(pulp NEAR/3 necros*):ab,ti,kw	244
#6	((total or infected or sterile or irreversible) NEAR/3 pulpitis):ab,ti,kw	413
#7	pulpectom*:ab,ti,kw	228
#8	pulpotom*:ab,ti,kw	388
#9	#5 or #6 or #7 or #8	1 092
#10	#4 or #9	1 092
#11	[mh ^"Pulpitis"]	279
#12	pulpitis:ab,ti,kw	622
#13	#11 or #12	622
#14	[mh ^"Toothache"]	223
#15	toothache:ab,ti,kw	302
#16	odontalgia*:ab,ti,kw	16
#17	((tooth or teeth) NEAR/3 pain):ab,ti,kw	819
#18	dentalgia?:ab,ti,kw	0
#19	#15 or #16 or #17 or #18	1 076
#20	#14 or #19	1 076
#21	#13 and #20	82
#22	[mh "Root Canal Therapy"]	1 059



#23	('root canal' NEAR/3 (therap* or treatment?)):ab,ti,kw	1 120
#24	#22 or #23	1 580
#25	#13 and #24	222
#26	[mh ^"Endodontics"]	36
#27	endodontic*:ab,ti,kw	1 628
#28	#26 or #27	1 628
#29	#13 and #28	264
#30	#10 or #21 or #25 or #29	1 176
#31	[mh "Anti-Bacterial Agents"]	11 322
#32	antibiotic*:ab,ti,kw,so	30 074
#33	anti-biotic*:ab,ti,kw,so	30 072
#34	bacteriocid*:ab,ti,kw,so	26
#35	anti?bacterial*:ab,ti,kw,so	12 557
#36	anti?mycobacterial*:ab,ti,kw,so	95
#37	anti?infect*:ab,ti,kw,so	6 211
#38	anti?microbial*:ab,ti,kw,so	10 391
#39	#32 or #33 or #34 or #35 or #36 or #37 or #38	45 108
#40	Aminoglycoside?:ab,ti	779
#41	Ansamycin?:ab,ti	11
#42	("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?):ab,ti,kw,so	1 465
#43	Carbapenem?:ab,ti	444
#44	penicillin?:ab,ti	2 316
#45	Cephalosporin?:ab,ti	1 359
#46	Lincosamide?:ab,ti	13
#47	macrolide?:ab,ti	971
#48	Monobactam?:ab,ti	27
#49	Nitrofuran?:ab,ti	12



#50	Oxazolidinone?:ab,ti	89
#51	carboxypenicillin?:ab,ti	3
#52	sulfonamide?:ab,ti	174
#53	Tetracycline?:ab,ti	1 794
#54	#40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53	8 604
#55	Alamethicin:ab,ti	1
#56	Amikacin:ab,ti	765
#57	Amoxicillin:ab,ti	4 075
#58	Amoxicillin-Potassium:ab,ti	10
#59	Amphotericin B:ab,ti	1 006
#60	Ampicillin:ab,ti	1 451
#61	Anisomycin:ab,ti	0
#62	Antimycin A:ab,ti	8
#63	Aurodox:ab,ti	0
#64	Azithromycin:ab,ti	2 231
#65	Aztreonom:ab,ti	340
#66	Bacitracin:ab,ti	146
#67	Bacteriocin?:ab,ti	29
#68	Bambermycin?:ab,ti	0
#69	Bongrekic Acid:ab,ti	0
#70	Brefeldin A:ab,ti	11
#71	Butirosin:ab,ti	0
#72	Calcimycin:ab,ti	4
#73	Candididin:ab,ti	7
#74	Capreomycin:ab,ti	19
#75	Carbenicillin:ab,ti	133
#76	Carfecillin:ab,ti	2



#77	Cefaclor:ab,ti	433
#78	Cefadroxil:ab,ti	171
#79	Cefamandole:ab,ti	234
#80	Cefatrizine:ab,ti	21
#81	Cefazolin:ab,ti	811
#82	Cefdinir:ab,ti	103
#83	Cefepime:ab,ti	282
#84	Cefixime:ab,ti	323
#85	Cefmenoxime:ab,ti	31
#86	Cefmetazole:ab,ti	76
#87	Cefonicid:ab,ti	66
#88	Cefoperazone:ab,ti	250
#89	Cefotaxime:ab,ti	702
#90	Cefotetan:ab,ti	170
#91	Cefotiam:ab,ti	117
#92	Cefoxitin:ab,ti	438
#93	Cefsulodin:ab,ti	12
#94	Ceftazidime:ab,ti	922
#95	Ceftibuten:ab,ti	80
#96	Ceftizoxime:ab,ti	136
#97	Ceftriaxone:ab,ti	1 356
#98	Cefuroxime:ab,ti	833
#99	Cephacetrile:ab,ti	9
#100	Cephalexin:ab,ti	387
#101	Cephaloglycin:ab,ti	12
#102	Cephaloridine:ab,ti	72
#103	Cephalothin:ab,ti	180



#104	Cephamycin?:ab,ti	27
#105	Cephapirin:ab,ti	21
#106	Cephradine:ab,ti	115
#107	Chloramphenicol:ab,ti	477
#108	Chlortetracycline:ab,ti	32
#109	Ciprofloxacin:ab,ti	2 290
#110	Citrinin:ab,ti	0
#111	Clarithromycin:ab,ti	2 796
#112	Clavulanic Acid?:ab,ti	726
#113	clavulanate:ab,ti	709
#114	Clindamycin:ab,ti	1 518
#115	Cloxacillin:ab,ti	152
#116	Colistin:ab,ti	323
#117	Cyclacillin:ab,ti	14
#118	Dactinomycin:ab,ti	118
#119	dalbavancin:ab,ti	44
#120	Daptomycin:ab,ti	157
#121	Demeclocycline:ab,ti	22
#122	Dibekacin:ab,ti	8
#123	Dicloxacillin:ab,ti	71
#124	Dihydrostreptomycin:ab,ti	3
#125	Diketopiperazines:ab,ti	3
#126	Distamycins:ab,ti	0
#127	Doripenem:ab,ti	84
#128	Doxycycline:ab,ti	1 756
#129	Echinomycin:ab,ti	1
#130	Edeine:ab,ti	0



#131	Enoxacin:ab,ti	106
#132	Enrofloxacin:ab,ti	11
#133	Enviomycin:ab,ti	0
#134	Ertapenem:ab,ti	158
#135	Erythromycin:ab,ti	1 749
#136	Fidaxomicin:ab,ti	106
#137	Filipin:ab,ti	11
#138	Floxacillin:ab,ti	0
#139	Flucloxacillin:ab,ti	172
#140	Fosfomycin:ab,ti	238
#141	Framycetin:ab,ti	26
#142	Fusidic Acid:ab,ti	181
#143	furazolidone:ab,ti	231
#144	Gatifloxacin:ab,ti	263
#145	Gatifloxacin:ab,ti	263
#146	Gentamicins:ab,ti	1
#147	Gramicidin:ab,ti	29
#148	Hygromycin B:ab,ti	2
#149	Imipenem:ab,ti	601
#150	Josamycin:ab,ti	65
#151	Kanamycin:ab,ti	109
#152	Kitasamycin:ab,ti	1
#153	Lactams:ab,ti	174
#154	Lasalocid:ab,ti	1
#155	Leucomycins:ab,ti	0
#156	Levofloxacin:ab,ti	1 313
#157	Lincomycin:ab,ti	68



#158	Lincosamides:ab,ti	6
#159	Linezolid:ab,ti	420
#160	Lomefloxacin:ab,ti	153
#161	Lucensomycin:ab,ti	0
#162	Lymecycline:ab,ti	58
#163	Mafenide:ab,ti	12
#164	Mepartricin:ab,ti	26
#165	Meropenem:ab,ti	521
#166	Methacycline:ab,ti	15
#167	Methicillin:ab,ti	1 103
#168	Metronidazole:ab,ti	3 904
#169	Mezlocillin:ab,ti	197
#170	Mikamycin:ab,ti	0
#171	Minocycline:ab,ti	886
#172	Miocamycin:ab,ti	14
#173	Moxalactam:ab,ti	129
#174	Moxifloxacin:ab,ti	1 200
#175	Mupirocin:ab,ti	404
#176	Mycobacillin:ab,ti	0
#177	Nadifloxacin:ab,ti	35
#178	Nafcillin:ab,ti	37
#179	Nalidixic Acid:ab,ti	117
#180	Natamycin:ab,ti	60
#181	Nebramycin:ab,ti	0
#182	Neomycin:ab,ti	422
#183	Netilmicin:ab,ti	245
#184	Netropsin:ab,ti	0



#185	Nigericin:ab,ti	1
#186	Nisin:ab,ti	1
#187	Nitrofurantoin:ab,ti	260
#188	Norfloxacin:ab,ti	478
#189	Novobiocin:ab,ti	17
#190	Nystatin:ab,ti	358
#191	Ofloxacin:ab,ti	937
#192	Oleandomycin:ab,ti	5
#193	Oligomycin?:ab,ti	4
#194	Oritavancin:ab,ti	33
#195	Oxacillin:ab,ti	108
#196	Oxolinic Acid:ab,ti	7
#197	Oxytetracycline:ab,ti	156
#198	Paromomycin:ab,ti	95
#199	Pefloxacin:ab,ti	161
#200	Pefloxacin:ab,ti	161
#201	Penicillic Acid:ab,ti	0
#202	Penicillin G:ab,ti	579
#203	Penicillin V:ab,ti	403
#204	Pipemidic Acid:ab,ti	58
#205	Piperacillin:ab,ti	771
#206	Pivampicillin:ab,ti	112
#207	Polymyxin B:ab,ti	285
#208	Polymyxins:ab,ti	14
#209	Pristinamycin:ab,ti	35
#210	Prodigiosin:ab,ti	0
#211	Ribostamycin:ab,ti	5



#212	Rifabutin:ab,ti	202
#213	Rifamycin?:ab,ti	128
#214	Rifaximin:ab,ti	562
#215	Ristocetin:ab,ti	141
#216	Rolitetracycline:ab,ti	4
#217	Roxarsone:ab,ti	1
#218	Roxithromycin:ab,ti	253
#219	Rutamycin:ab,ti	0
#220	Sirolimus:ab,ti	2 425
#221	Sisomicin:ab,ti	58
#222	Spectinomycin:ab,ti	101
#223	Spiramycin:ab,ti	88
#224	Streptogramin A:ab,ti	12
#225	Streptogramin Group A:ab,ti	7
#226	Streptogramin Group B:ab,ti	1
#227	Streptogramins:ab,ti	6
#228	Streptomycin:ab,ti	446
#229	Streptovaricin:ab,ti	0
#230	Sulbactam:ab,ti	447
#231	Sulbenicillin:ab,ti	6
#232	Sulfacetamide:ab,ti	27
#233	Sulfadiazine:ab,ti	351
#234	Sulfamerazine:ab,ti	1
#235	Sulfamethoxypyridazine:ab,ti	4
#236	Sulfanilamide:ab,ti	14
#237	Sulfasalazine:ab,ti	785
#238	Sulfisoxazole:ab,ti	54



#239	Sulfamethizole:ab,ti	18
#240	Talampicillin:ab,ti	17
#241	Tazobactam:ab,ti	508
#242	Teicoplanin:ab,ti	253
#243	telavancin:ab,ti	57
#244	Thiamphenicol:ab,ti	43
#245	Thienamycins:ab,ti	0
#246	Thiostrepton:ab,ti	1
#247	Ticarcillin:ab,ti	234
#248	Tigecycline:ab,ti	140
#249	Tinidazole:ab,ti	528
#250	Tinidazole:ab,ti	528
#251	Tobramycin:ab,ti	1 276
#252	torezolid:ab,ti	3
#253	tedizolid:ab,ti	55
#254	Trimethoprim:ab,ti	1 430
#255	Sulfamethoxazole:ab,ti	983
#256	Temocillin:ab,ti	22
#257	Troleandomycin:ab,ti	32
#258	Tunicamycin:ab,ti	5
#259	Tylosin:ab,ti	4
#260	Tyrocidine:ab,ti	0
#261	Tyrothrinicin:ab,ti	14
#262	Valinomycin:ab,ti	1
#263	Vancomycin:ab,ti	1 657
#264	Vernamycin B:ab,ti	0
#265	Viomycin:ab,ti	3



#266	Virginiamycin:ab,ti	5
#267	amox-clav:ab,ti	9
#268	amoxicillin-clavulanic acid:ab,ti	371
#269	augmentin:ab,ti	211
#270	brl-25000:ab,ti	3
#271	brl25000:ab,ti	5
#272	clavulin:ab,ti	3
#273	co-amoxiclav:ab,ti	156
#274	coamoxiclav:ab,ti	162
#275	spektramox:ab,ti	5
#276	synulox:ab,ti	0
#277	brl-14151:ab,ti	0
#278	brl14151:ab,ti	0
#279	mm-14151:ab,ti	0
#280	mm14151:ab,ti	0
#281	tazocel:ab,ti	0
#282	tazocillin:ab,ti	2
#283	tazocin:ab,ti	16
#284	zosyn:ab,ti	4
#285	betamaze:ab,ti	0
#286	cp-45899:ab,ti	0
#287	cp45899:ab,ti	0
#288	combactam:ab,ti	2
#289	ytr 830h:ab,ti	0
#290	ytr-830:ab,ti	0
#291	ytr830:ab,ti	0



#292	#55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80 or #81 or #82 or #83 or #84 or #85 or #86 or #87 or #88 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 or #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120 or #121 or #122 or #123 or #124 or #125 or #126 or #127 or #128 or #129 or #130 or #131 or #132 or #133 or #134 or #135 or #136 or #137 or #138 or #139 or #140 or #141 or #142 or #143 or #144 or #145 or #146 or #147 or #148 or #149 or #150 or #151 or #152 or #153 or #154 or #155 or #156 or #157 or #158 or #159 or #160 or #161 or #162 or #163 or #164 or #165 or #166 or #167 or #168 or #169 or #170 or #171 or #172 or #173 or #174 or #175 or #176 or #177 or #178 or #179 or #180 or #181 or #182 or #183 or #184 or #185 or #186 or #187 or #188 or #189 or #190 or #191 or #192 or #193 or #194 or #195 or #196 or #197 or #198 or #199 or #200 or #201 or #202 or #203 or #204 or #205 or #206 or #207 or #208 or #209 or #210 or #211 or #212 or #213 or #214 or #215 or #216 or #217 or #218 or #219 or #220 or #221 or #222 or #223 or #224 or #225 or #226 or #227 or #228 or #229 or #230 or #231 or #232 or #233 or #234 or #235 or #236 or #237 or #238 or #239 or #240 or #241 or #242 or #243 or #244 or #245 or #246 or #247 or #248 or #249 or #250 or #251 or #252 or #253 or #254 or #255 or #256 or #257 or #258 or #259 or #260 or #261 or #262 or #263 or #264 or #265 or #266 or #267 or #268 or #269 or #270 or #271 or #272 or #273 or #274 or #275 or #276 or #277 or #278 or #279 or #280 or #281 or #282 or #283 or #284 or #285 or #286 or #287 or #288 or #289 or #290 or #291	39 913
#293	#31 or #39 or #54 or #292	68 683
#294	#30 and #293	139
<b>Comments</b>		

### 2.3.1.3 Embase

Date	12 September 2019	
Database	Embase.com	
Search strategy		
ID	Search	Results
#1	'test'/exp OR test	2 985 951
#2	'pulpectomy'/de	117
#3	'pulpotomy'/de	241
#4	#2 OR #3	334
#5	(pulp NEAR/3 necros*):ab,ti,kw	709
#6	((total OR infected OR sterile OR irreversible) NEAR/3 pulpitis):ab,ti,kw	495
#7	pulpectom*:ab,ti,kw	537



#8	pulpotom*:ab,ti,kw	1 098
#9	#5 OR #6 OR #7 OR #8	2 637
#10	#4 OR #9	2 695
#11	'pulpitis'/de	3 097
#12	pulpitis:ab,ti,kw	1548
#13	#11 OR #12	3 485
#14	'tooth pain'/de	7 454
#15	toothache:ab,ti,kw	1 538
#16	odontalgia*:ab,ti,kw	246
#17	((tooth OR teeth) NEAR/3 pain):ab,ti,kw	1 183
#18	dentalgia\$:ab,ti,kw	7
#19	#15 OR #16 OR #17 OR #18	2 864
#20	#14 OR #19	8 805
#21	#13 AND #20	408
#22	'root canal therapy'/exp	3 357
#23	('root canal' NEAR/3 (therap* OR treatment\$)):ab,ti,kw	4 281
#24	#22 OR #23	6 938
#25	#13 AND #24	368
#26	'endodontics'/de	28 074
#27	endodontic*:ab,ti,kw	18539
#28	#26 OR #27	36 255
#29	#13 AND #28	1 466
#30	#10 OR #21 OR #25 OR #29	3 953
#31	'antiinfective agent'/exp	3 490 412
#32	antibiotic*:ab,ti,kw,jt	453 003
#33	'anti biotic':ab,ti,kw,jt	310
#34	bacteriocid*:ab,ti,kw,jt	708



#35	anti\$bacterial*:ab,ti,kw,jt	97 131
#36	anti\$mycobacterial*:ab,ti,kw,jt	4662
#37	anti\$infect*:ab,ti,kw,jt	1715
#38	anti\$microbial*:ab,ti,kw,jt	251 854
#39	#32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38	691 569
#40	aminoglycoside\$:ab,ti,kw,tn	23 459
#41	ansamycin\$:ab,ti,kw,tn	736
#42	('beta lactamase' OR 'b lactamase') NEAR/3 (antagonist\$ OR inhibitor\$):ab,ti,kw,jt	1 070
#43	carbapenem\$:ab,ti,kw,tn	16 524
#44	penicillin\$:ab,ti,kw,tn	64 695
#45	cephalosporin\$:ab,ti,kw,tn	28 541
#46	lincosamide\$:ab,ti,kw,tn	1 741
#47	macrolide\$:ab,ti,kw,tn	20 993
#48	monobactam\$:ab,ti,kw,tn	948
#49	nitrofuran\$:ab,ti,kw,tn	1 530
#50	oxazolidinone\$:ab,ti,kw,tn	3 135
#51	carboxypenicillin\$:ab,ti,kw,tn	53
#52	sulfonamide\$:ab,ti,kw,tn	17 090
#53	tetracycline\$:ab,ti,kw,tn	41 540
#54	#40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53	187 075
#55	alamethicin:ab,ti,kw,rn,tn	844
#56	amikacin:ab,ti,kw,rn,tn	13 019
#57	amoxicillin:ab,ti,kw,rn,tn	21 491
#58	'amoxicillin potassium':ab,ti,kw,rn,tn	33
#59	'amphotericin b':ab,ti,kw,rn,tn	22 753
#60	ampicillin:ab,ti,kw,rn,tn	28 053
#61	anisomycin:ab,ti,kw,rn,tn	1 834



#62	'antimycin a':ab,ti,kw,rn,tn	2 688
#63	aurodox:ab,ti,kw,rn,tn	39
#64	azithromycin:ab,ti,kw,rn,tn	12 108
#65	aztreonam:ab,ti,kw,rn,tn	4 187
#66	bacitracin:ab,ti,kw,rn,tn	3 489
#67	bacteriocin\$:ab,ti,kw,rn,tn	6 073
#68	bambermycin\$:ab,ti,kw,rn,tn	39
#69	'bongrekic acid':ab,ti,kw,rn,tn	399
#70	'brefeldin a':ab,ti,kw,rn,tn	4 143
#71	butirosin:ab,ti,kw,rn,tn	136
#72	calcimycin:ab,ti,kw,rn,tn	234
#73	candididin:ab,ti,kw,rn,tn	168
#74	capreomycin:ab,ti,kw,rn,tn	724
#75	carbenicillin:ab,ti,kw,rn,tn	2 748
#76	carfecillin:ab,ti,kw,rn,tn	82
#77	cefaclor:ab,ti,kw,rn,tn	2 342
#78	cefadroxil:ab,ti,kw,rn,tn	924
#79	cefamandole:ab,ti,kw,rn,tn	1 542
#80	cefatrizine:ab,ti,kw,rn,tn	200
#81	cefazolin:ab,ti,kw,rn,tn	5 699
#82	cefdinir:ab,ti,kw,rn,tn	694
#83	cefepime:ab,ti,kw,rn,tn	5 127
#84	cefixime:ab,ti,kw,rn,tn	2 585
#85	cefmenoxime:ab,ti,kw,rn,tn	610
#86	cefmetazole:ab,ti,kw,rn,tn	828
#87	cefonicid:ab,ti,kw,rn,tn	291
#88	cefoperazone:ab,ti,kw,rn,tn	3 703



#89	cefotaxime:ab,ti,kw,rn,tn	10 773
#90	cefotetan:ab,ti,kw,rn,tn	1 021
#91	cefotiam:ab,ti,kw,rn,tn	1 045
#92	cefoxitin:ab,ti,kw,rn,tn	5 331
#93	cefsulodin:ab,ti,kw,rn,tn	735
#94	ceftazidime:ab,ti,kw,rn,tn	12 036
#95	ceftibuten:ab,ti,kw,rn,tn	396
#96	ceftizoxime:ab,ti,kw,rn,tn	1 272
#97	ceftriaxone:ab,ti,kw,rn,tn	15 817
#98	cefuroxime:ab,ti,kw,rn,tn	5 988
#99	cephacetrile:ab,ti,kw,rn,tn	193
#100	cephalexin:ab,ti,kw,rn,tn	3 391
#101	cephaloglycin:ab,ti,kw,rn,tn	100
#102	cephaloridine:ab,ti,kw,rn,tn	1 409
#103	cephalothin:ab,ti,kw,rn,tn	3 350
#104	cephamycin\$:ab,ti,kw,rn,tn	899
#105	cephapirin:ab,ti,kw,rn,tn	403
#106	cephradine:ab,ti,kw,rn,tn	737
#107	chloramphenicol:ab,ti,kw,rn,tn	27 998
#108	chlortetracycline:ab,ti,kw,rn,tn	2 786
#109	ciprofloxacin:ab,ti,kw,rn,tn	34 026
#110	citrinin:ab,ti,kw,rn,tn	922
#111	clarithromycin:ab,ti,kw,rn,tn	13 234
#112	"clavulanic acid\$":ab,ti,kw,rn,tn	7 207
#113	clavulanate:ab,ti,kw,rn,tn	4 564
#114	clindamycin:ab,ti,kw,rn,tn	13 482
#115	cloxacillin:ab,ti,kw,rn,tn	2 137



#116	colistin:ab,ti,kw,rn,tn	7 675
#117	cyclacillin:ab,ti,kw,rn,tn	97
#118	dactinomycin:ab,ti,kw,rn,tn	1 085
#119	dalbavancin:ab,ti,kw,rn,tn	482
#120	daptomycin:ab,ti,kw,rn,tn	4 147
#121	demeclacycline:ab,ti,kw,rn,tn	389
#122	dibekacin:ab,ti,kw,rn,tn	431
#123	dicloxacillin:ab,ti,kw,rn,tn	836
#124	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#125	diketopiperazines:ab,ti,kw,rn,tn	636
#126	distamycins:ab,ti,kw,rn,tn	35
#127	doripenem:ab,ti,kw,rn,tn	979
#128	doxycycline:ab,ti,kw,rn,tn	18 737
#129	echinomycin:ab,ti,kw,rn,tn	313
#130	edeine:ab,ti,kw,rn,tn	120
#131	enoxacin:ab,ti,kw,rn,tn	1 289
#132	enrofloxacin:ab,ti,kw,rn,tn	2 802
#133	enviomycin:ab,ti,kw,rn,tn	54
#134	ertapenem:ab,ti,kw,rn,tn	2 375
#135	erythromycin:ab,ti,kw,rn,tn	24 826
#136	fidaxomicin:ab,ti,kw,rn,tn	670
#137	filipin:ab,ti,kw,rn,tn	1 539
#138	floxacillin:ab,ti,kw,rn,tn	15
#139	flucloxacillin:ab,ti,kw,rn,tn	1 391
#140	fosfomycin:ab,ti,kw,rn,tn	3 927
#141	framycetin:ab,ti,kw,rn,tn	219
#142	'fusidic acid':ab,ti,kw,rn,tn	2 151



#143	furazolidone:ab,ti,kw,rn,tn	1 617
#144	gatifloxacin:ab,ti,kw,rn,tn	2 145
#145	gatifloxacin:ab,ti,kw,rn,tn	2 145
#146	gentamicins:ab,ti,kw,rn,tn	88
#147	gramicidin:ab,ti,kw,rn,tn	3 668
#148	'hygromycin b':ab,ti,kw,rn,tn	950
#149	imipenem:ab,ti,kw,rn,tn	14 567
#150	josamycin:ab,ti,kw,rn,tn	870
#151	kanamycin:ab,ti,kw,rn,tn	9 735
#152	kitasamycin:ab,ti,kw,rn,tn	94
#153	lactams:ab,ti,kw,rn,tn	13 071
#154	lasalocid:ab,ti,kw,rn,tn	641
#155	leucomycins:ab,ti,kw,rn,tn	26
#156	levofloxacin:ab,ti,kw,rn,tn	11 612
#157	lincomycin:ab,ti,kw,rn,tn	2 670
#158	lincosamides:ab,ti,kw,rn,tn	810
#159	linezolid:ab,ti,kw,rn,tn	8 126
#160	lomefloxacin:ab,ti,kw,rn,tn	1 129
#161	lucensomycin:ab,ti,kw,rn,tn	31
#162	lymecycline:ab,ti,kw,rn,tn	157
#163	mafenide:ab,ti,kw,rn,tn	197
#164	meparticin:ab,ti,kw,rn,tn	137
#165	meropenem:ab,ti,kw,rn,tn	10 225
#166	methacycline:ab,ti,kw,rn,tn	211
#167	methicillin:ab,ti,kw,rn,tn	40 594
#168	metronidazole:ab,ti,kw,rn,tn	21 377
#169	mezlocillin:ab,ti,kw,rn,tn	1 215



#170	mikamycin:ab,ti,kw,rn,tn	43
#171	minocycline:ab,ti,kw,rn,tn	8 881
#172	miocamycin:ab,ti,kw,rn,tn	156
#173	moxalactam:ab,ti,kw,rn,tn	1 458
#174	moxifloxacin:ab,ti,kw,rn,tn	6 332
#175	mupirocin:ab,ti,kw,rn,tn	2 447
#176	mycobacillin:ab,ti,kw,rn,tn	61
#177	nadifloxacin:ab,ti,kw,rn,tn	134
#178	nafcillin:ab,ti,kw,rn,tn	862
#179	'halidixic acid':ab,ti,kw,rn,tn	6 279
#180	natamycin:ab,ti,kw,rn,tn	729
#181	nebramycin:ab,ti,kw,rn,tn	40
#182	neomycin:ab,ti,kw,rn,tn	10 487
#183	netilmicin:ab,ti,kw,rn,tn	2 262
#184	netropsin:ab,ti,kw,rn,tn	650
#185	nigericin:ab,ti,kw,rn,tn	1 706
#186	nisin:ab,ti,kw,rn,tn	2 317
#187	nitrofurantoin:ab,ti,kw,rn,tn	4 659
#188	norfloxacin:ab,ti,kw,rn,tn	5 809
#189	novobiocin:ab,ti,kw,rn,tn	2 568
#190	nystatin:ab,ti,kw,rn,tn	4 497
#191	ofloxacin:ab,ti,kw,rn,tn	8 868
#192	oleandomycin:ab,ti,kw,rn,tn	790
#193	oligomycin\$:ab,ti,kw,rn,tn	3 833
#194	oritavancin:ab,ti,kw,rn,tn	424
#195	oxacillin:ab,ti,kw,rn,tn	5 643
#196	'oxolinic acid':ab,ti,kw,rn,tn	726



#197	oxytetracycline:ab,ti,kw,rn,tn	5 347
#198	paromomycin:ab,ti,kw,rn,tn	1 467
#199	pefloxacin:ab,ti,kw,rn,tn	1 612
#200	pefloxacin:ab,ti,kw,rn,tn	1 612
#201	'penicillic acid':ab,ti,kw,rn,tn	255
#202	'penicillin g':ab,ti,kw,rn,tn	7 506
#203	'penicillin v':ab,ti,kw,rn,tn	1 407
#204	'pipemicid acid':ab,ti,kw,rn,tn	628
#205	piperacillin:ab,ti,kw,rn,tn	10 533
#206	pivampicillin:ab,ti,kw,rn,tn	410
#207	'polymyxin b':ab,ti,kw,rn,tn	5 832
#208	polymyxins:ab,ti,kw,rn,tn	981
#209	pristinamycin:ab,ti,kw,rn,tn	591
#210	prodigiosin:ab,ti,kw,rn,tn	605
#211	ribostamycin:ab,ti,kw,rn,tn	191
#212	rifabutin:ab,ti,kw,rn,tn	1 578
#213	rifamycin\$:ab,ti,kw,rn,tn	2 336
#214	rifaximin:ab,ti,kw,rn,tn	2 225
#215	ristocetin:ab,ti,kw,rn,tn	4 117
#216	rolitetracycline:ab,ti,kw,rn,tn	129
#217	roxarsone:ab,ti,kw,rn,tn	227
#218	roxithromycin:ab,ti,kw,rn,tn	1 818
#219	rutamycin:ab,ti,kw,rn,tn	68
#220	sirolimus:ab,ti,kw,rn,tn	14 462
#221	sisomicin:ab,ti,kw,rn,tn	895
#222	spectinomycin:ab,ti,kw,rn,tn	2 403
#223	spiramycin:ab,ti,kw,rn,tn	1 451



#224	'streptogramin a':ab,ti,kw,rn,tn	113
#225	'streptogramin group a':ab,ti,kw,rn,tn	5
#226	'streptogramin group b':ab,ti,kw,rn,tn	4
#227	streptogramins:ab,ti,kw,rn,tn	384
#228	streptomycin:ab,ti,kw,rn,tn	23 379
#229	streptovaricin:ab,ti,kw,rn,tn	94
#230	sulbactam:ab,ti,kw,rn,tn	4 964
#231	sulbenicillin:ab,ti,kw,rn,tn	191
#232	sulfacetamide:ab,ti,kw,rn,tn	310
#233	sulfadiazine:ab,ti,kw,rn,tn	3 800
#234	sulfamerazine:ab,ti,kw,rn,tn	431
#235	sulfamethoxypyridazine:ab,ti,kw,rn,tn	334
#236	sulfanilamide:ab,ti,kw,rn,tn	1 295
#237	sulfasalazine:ab,ti,kw,rn,tn	5 306
#238	sulfisoxazole:ab,ti,kw,rn,tn	771
#239	sulfamethizole:ab,ti,kw,rn,tn	224
#240	talampicillin:ab,ti,kw,rn,tn	148
#241	tazobactam:ab,ti,kw,rn,tn	7 848
#242	teicoplanin:ab,ti,kw,rn,tn	4 876
#243	telavancin:ab,ti,kw,rn,tn	513
#244	thiamphenicol:ab,ti,kw,rn,tn	858
#245	thienamycins:ab,ti,kw,rn,tn	9
#246	thiostrepton:ab,ti,kw,rn,tn	600
#247	ticarcillin:ab,ti,kw,rn,tn	2 504
#248	tigecycline:ab,ti,kw,rn,tn	4 462
#249	tinidazole:ab,ti,kw,rn,tn	1813
#250	tinidazole:ab,ti,kw,rn,tn	1813



#251	tobramycin:ab,ti,kw,rn,tn	9 111
#252	torezolid:ab,ti,kw,rn,tn	41
#253	tedizolid:ab,ti,kw,rn,tn	345
#254	trimethoprim:ab,ti,kw,rn,tn	20 293
#255	sulfamethoxazole:ab,ti,kw,rn,tn	15 279
#256	temocillin:ab,ti,kw,rn,tn	363
#257	troleandomycin:ab,ti,kw,rn,tn	660
#258	tunicamycin:ab,ti,kw,rn,tn	5 943
#259	tylosin:ab,ti,kw,rn,tn	1 637
#260	tyrocidine:ab,ti,kw,rn,tn	193
#261	tyrothrinic:ab,ti,kw,rn,tn	214
#262	valinomycin:ab,ti,kw,rn,tn	3 079
#263	vancomycin:ab,ti,kw,rn,tn	37 604
#264	vernamicin AND b:ab,ti,kw,rn,tn	23
#265	viomycin:ab,ti,kw,rn,tn	469
#266	virginiamycin:ab,ti,kw,rn,tn	590
#267	'amox clav':ab,ti,kw,rn,tn	29
#268	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 256
#269	augmentin:ab,ti,kw,rn,tn	3 885
#270	'brl 25000':ab,ti,kw,rn,tn	107
#271	brl25000:ab,ti,kw,rn,tn	80
#272	clavulin:ab,ti,kw,rn,tn	58
#273	'co amoxiclav':ab,ti,kw,rn,tn	934
#274	coamoxiclav:ab,ti,kw,rn,tn	175
#275	spektramox:ab,ti,kw,rn,tn	22
#276	synulox:ab,ti,kw,rn,tn	130
#277	'brl 14151':ab,ti,kw,rn,tn	20



#278	bri14151:ab,ti,kw,rn,tn	3
#279	'mm 14151':ab,ti,kw,rn,tn	2
#280	mm14151:ab,ti,kw,rn,tn	0
#281	tazocel:ab,ti,kw,rn,tn	8
#282	tazocillin:ab,ti,kw,rn,tn	27
#283	tazocin:ab,ti,kw,rn,tn	535
#284	zosyn:ab,ti,kw,rn,tn	603
#285	betamaze:ab,ti,kw,rn,tn	5
#286	'cp 45899':ab,ti,kw,rn,tn	76
#287	cp45899:ab,ti,kw,rn,tn	1
#288	combactam:ab,ti,kw,rn,tn	42
#289	'ytr 830h':ab,ti,kw,rn,tn	21
#290	'ytr 830':ab,ti,kw,rn,tn	44
#291	ytr830:ab,ti,kw,rn,tn	1
#292	#55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278 OR #279 OR #280 OR #281 OR #282 OR #283 OR #284 OR #285 OR #286 OR #287 OR #288 OR #289 OR #290 OR #291	506 514



#293	#31 OR #39 OR #54 OR #292	3 711 978
#294	#30 AND #293	953
#295	#294 NOT [medline]/lim	128
#296	#295 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	108
#297	random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti)	1 700 474
#298	'meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review'	410 880
#299	#296 AND #297	15
#300	#296 AND #298	5
<b>Comments</b>		

### 2.3.2 Other (primary) studies

These searches were run specifically to identify studies on the use of antibiotics in case of pulpitis in primary teeth.

#### 2.3.2.1 Ovid MEDLINE

Date	7 October 2019	Results
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to October 07, 2019>	
Search strategy		
ID	Search	
1	"Pulp Capping and Pulpectomy Agents"/	314
2	pulpectomy/	1 134
3	Pulpotomy/	1 515
4	1 or 2 or 3	2 658
5	(pulp adj3 necros*).ab,ti,kf.	733
6	((total or infected or sterile or irreversible) adj3 pulpitis).ab,ti,kf.	571
7	pulpectom*.ab,ti,kf.	565
8	pulpotom*.ab,ti,kf.	1 184
9	5 or 6 or 7 or 8	2 820



10	4 or 9	4 298
11	Pulpitis/	2 722
12	pulpitis.ab,ti,kf.	1 557
13	11 or 12	3 308
14	Toothache/	2 759
15	toothache.ab,ti,kf.	1 213
16	odontalgia*.ab,ti,kf.	211
17	((tooth or teeth) adj3 pain).ab,ti,kw.	976
18	dentalgia?.ab,ti,kf.	4
19	15 or 16 or 17 or 18	2 311
20	14 or 19	4 261
21	13 and 20	305
22	exp "Root Canal Therapy"/	20 510
23	('root canal' adj3 (therap* or treatment?)).ab,ti,kf.	4 999
24	22 or 23	22 327
25	13 and 24	741
26	Endodontics/	2 132
27	endodontic*.ab,ti,kf.	18 865
28	26 or 27	19 440
29	13 and 28	717
30	10 or 21 or 25 or 29	5 066
31	exp Anti-Bacterial Agents/	707 801
32	antibiotic*.ab,ti,kf,jw.	342 751
33	anti-biotic*.ab,ti,kf,jw.	126
34	bacteriocid*.ab,ti,kf,jw.	578
35	anti?bacterial*.ab,ti,kf,jw.	70 737
36	anti?mycobacterial*.ab,ti,kf,jw.	3 683



37	anti?infect*.ab,ti,kf,jw.	2 609
38	anti?microbial*.ab,ti,kf,jw.	200 437
39	32 or 33 or 34 or 35 or 36 or 37 or 38	532 499
40	Aminoglycoside?.ab,ti,kf,nm.	23 467
41	Ansamycin?.ab,ti,kf,nm.	561
42	(("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?)).ab,ti,kf,jw.	2 866
43	Carbapenem?.ab,ti,kf,nm.	12 386
44	penicillin?.ab,ti,kf,nm.	77 197
45	Cephalosporin?.ab,ti,kf,nm.	31 689
46	Lincosamide?.ab,ti,kf,nm.	1 583
47	macrolide?.ab,ti,kf,nm.	22 825
48	Monobactam?.ab,ti,kf,nm.	930
49	Nitrofuran?.ab,ti,kf,nm.	2 543
50	Oxazolidinone?.ab,ti,kf,nm.	5 121
51	carboxypenicillin?.ab,ti,kf,nm.	45
52	sulfonamide?.ab,ti,kf,nm.	53 153
53	Tetracycline?.ab,ti,kf,nm.	45 198
54	40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53	241 733
55	Alamethicin.ab,ti,kf,nm.	837
56	Amikacin.ab,ti,kf,nm.	9 897
57	Amoxicillin.ab,ti,kf,nm.	19 357
58	Amoxicillin-Potassium.ab,ti,kf,nm.	2 515
59	Amphotericin B.ab,ti,kf,nm.	23 039
60	Ampicillin.ab,ti,kf,nm.	28 584
61	Anisomycin.ab,ti,kf,nm.	1 969
62	Antimycin A.ab,ti,kf,nm.	4 335
63	Aurodox.ab,ti,kf,nm.	35



64	Azithromycin.ab,ti,kf,nm.	8 704
65	Aztreonam.ab,ti,kf,nm.	3 243
66	Bacitracin.ab,ti,kf,nm.	4 157
67	Bacteriocin?.ab,ti,kf,nm.	8 041
68	Bambermycin?.ab,ti,kf,nm.	134
69	Bongrekic Acid.ab,ti,kf,nm.	455
70	Brefeldin A.ab,ti,kf,nm.	4 138
71	Butirosin.ab,ti,kf,nm.	151
72	Calcimycin.ab,ti,kf,nm.	11 919
73	Candididin.ab,ti,kf,nm.	306
74	Capreomycin.ab,ti,kf,nm.	665
75	Carbenicillin.ab,ti,kf,nm.	3 291
76	Carfecillin.ab,ti,kf,nm.	37
77	Cefaclor.ab,ti,kf,nm.	1 772
78	Cefadroxil.ab,ti,kf,nm.	722
79	Cefamandole.ab,ti,kf,nm.	1 646
80	Cefatrizine.ab,ti,kf,nm.	117
81	Cefazolin.ab,ti,kf,nm.	5 161
82	Cefdinir.ab,ti,kf,nm.	427
83	Cefepime.ab,ti,kf,nm.	3 307
84	Cefixime.ab,ti,kf,nm.	1 712
85	Cefmenoxime.ab,ti,kf,nm.	521
86	Cefmetazole.ab,ti,kf,nm.	688
87	Cefonicid.ab,ti,kf,nm.	251
88	Cefoperazone.ab,ti,kf,nm.	2 687
89	Cefotaxime.ab,ti,kf,nm.	10 549
90	Cefotetan.ab,ti,kf,nm.	798



91	Cefotiam.ab,ti,kf,nm.	686
92	Cefoxitin.ab,ti,kf,nm.	4 565
93	Cefsulodin.ab,ti,kf,nm.	632
94	Ceftazidime.ab,ti,kf,nm.	9 377
95	Ceftibuten.ab,ti,kf,nm.	318
96	Ceftizoxime.ab,ti,kf,nm.	1 579
97	Ceftriaxone.ab,ti,kf,nm.	12 080
98	Cefuroxime.ab,ti,kf,nm.	4 797
99	Cephacetrile.ab,ti,kf,nm.	163
100	Cephalexin.ab,ti,kf,nm.	3 510
101	Cephaloglycin.ab,ti,kf,nm.	130
102	Cephaloridine.ab,ti,kf,nm.	2 062
103	Cephalothin.ab,ti,kf,nm.	4 422
104	Cephamycin?.ab,ti,kf,nm.	1 679
105	Cephapirin.ab,ti,kf,nm.	612
106	Cephradine.ab,ti,kf,nm.	872
107	Chloramphenicol.ab,ti,kf,nm.	40 200
108	Chlortetracycline.ab,ti,kf,nm.	6 563
109	Ciprofloxacin.ab,ti,kf,nm.	27 318
110	Citrinin.ab,ti,kf,nm.	859
111	Clarithromycin.ab,ti,kf,nm.	10 274
112	Clavulanic Acid?.ab,ti,kf,nm.	6 259
113	clavulanate.ab,ti,kf,nm.	5 071
114	Clindamycin.ab,ti,kf,nm.	11 868
115	Cloxacillin.ab,ti,kf,nm.	2 663
116	Colistin.ab,ti,kf,nm.	7 073
117	Cyclacillin.ab,ti,kf,nm.	110



118	Dactinomycin.ab,ti,kf,nm.	19 107
119	dalbavancin.ab,ti,kf,nm.	407
120	Daptomycin.ab,ti,kf,nm.	3 097
121	Demeclocycline.ab,ti,kf,nm.	1 014
122	Dibekacin.ab,ti,kf,nm.	629
123	Dicloxacillin.ab,ti,kf,nm.	907
124	Dihydrostreptomycin.ab,ti,kf,nm.	1 564
125	Diketopiperazines.ab,ti,kf,nm.	897
126	Distamycins.ab,ti,kf,nm.	778
127	Doripenem.ab,ti,kf,nm.	644
128	Doxycycline.ab,ti,kf,nm.	16 314
129	Echinomycin.ab,ti,kf,nm.	332
130	Edeine.ab,ti,kf,nm.	144
131	Enoxacin.ab,ti,kf,nm.	1 128
132	Enrofloxacin.ab,ti,kf,nm.	2 535
133	Enviomycin.ab,ti,kf,nm.	75
134	Ertapenem.ab,ti,kf,nm.	1 530
135	Erythromycin.ab,ti,kf,nm.	25 640
136	Fidaxomicin.ab,ti,kf,nm.	480
137	Filipin.ab,ti,kf,nm.	1 436
138	Floxacillin.ab,ti,kf,nm.	732
139	Flucloxacillin.ab,ti,kf,nm.	836
140	Fosfomycin.ab,ti,kf,nm.	3 227
141	Framycetin.ab,ti,kf,nm.	562
142	Fusidic Acid.ab,ti,kf,nm.	2 476
143	furazolidone.ab,ti,kf,nm.	1 814
144	Gatifloxacin.ab,ti,kf,nm.	1 711



145	Gatifloxacin.ab,ti,kf,nm.	1 711
146	Gentamicins.ab,ti,kf,nm.	18 074
147	Gramicidin.ab,ti,kf,nm.	4 060
148	Hygromycin B.ab,ti,kf,nm.	1 507
149	Imipenem.ab,ti,kf,nm.	10 707
150	Josamycin.ab,ti,kf,nm.	717
151	Kanamycin.ab,ti,kf,nm.	13 724
152	Kitasamycin.ab,ti,kf,nm.	127
153	Lactams.ab,ti,kf,nm.	19 537
154	Lasalocid.ab,ti,kf,nm.	910
155	Leucomycins.ab,ti,kf,nm.	1 851
156	Levofloxacin.ab,ti,kf,nm.	7 510
157	Lincomycin.ab,ti,kf,nm.	3 364
158	Lincosamides.ab,ti,kf,nm.	962
159	Linezolid.ab,ti,kf,nm.	5 797
160	Lomefloxacin.ab,ti,kf,nm.	906
161	Lucensomycin.ab,ti,kf,nm.	41
162	Lymecycline.ab,ti,kf,nm.	170
163	Mafenide.ab,ti,kf,nm.	269
164	Meparticin.ab,ti,kf,nm.	104
165	Meropenem.ab,ti,kf,nm.	6 602
166	Methacycline.ab,ti,kf,nm.	414
167	Methicillin.ab,ti,kf,nm.	33 138
168	Metronidazole.ab,ti,kf,nm.	19 240
169	Mezlocillin.ab,ti,kf,nm.	1 037
170	Mikamycin.ab,ti,kf,nm.	46
171	Minocycline.ab,ti,kf,nm.	8 633



172	Miocamycin.ab,ti,kf,nm.	309
173	Moxalactam.ab,ti,kf,nm.	1 528
174	Moxifloxacin.ab,ti,kf,nm.	4 704
175	Mupirocin.ab,ti,kf,nm.	1 984
176	Mycobacillin.ab,ti,kf,nm.	59
177	Nadifloxacin.ab,ti,kf,nm.	95
178	Nafcillin.ab,ti,kf,nm.	964
179	Nalidixic Acid.ab,ti,kf,nm.	6 619
180	Natamycin.ab,ti,kf,nm.	1 022
181	Nebramycin.ab,ti,kf,nm.	169
182	Neomycin.ab,ti,kf,nm.	13 232
183	Netilmicin.ab,ti,kf,nm.	1 938
184	Netropsin.ab,ti,kf,nm.	750
185	Nigericin.ab,ti,kf,nm.	2 118
186	Nisin.ab,ti,kf,nm.	2 258
187	Nitrofurantoin.ab,ti,kf,nm.	4 497
188	Norfloxacin.ab,ti,kf,nm.	4 938
189	Novobiocin.ab,ti,kf,nm.	3 275
190	Nystatin.ab,ti,kf,nm.	5 111
191	Ofloxacin.ab,ti,kf,nm.	9 470
192	Oleandomycin.ab,ti,kf,nm.	1 304
193	Oligomycin?.ab,ti,kf,nm.	5 034
194	Oritavancin.ab,ti,kf,nm.	378
195	Oxacillin.ab,ti,kf,nm.	5 473
196	Oxolinic Acid.ab,ti,kf,nm.	719
197	Oxytetracycline.ab,ti,kf,nm.	8 321
198	Paromomycin.ab,ti,kf,nm.	1 864



199	Pefloxacin.ab,ti,kf,nm.	1 408
200	Pefloxacin.ab,ti,kf,nm.	1 408
201	Penicillic Acid.ab,ti,kf,nm.	262
202	Penicillin G.ab,ti,kf,nm.	15 142
203	Penicillin V.ab,ti,kf,nm.	2 673
204	Pipemicid Acid.ab,ti,kf,nm.	444
205	Piperacillin.ab,ti,kf,nm.	7 142
206	Pivampicillin.ab,ti,kf,nm.	331
207	Polymyxin B.ab,ti,kf,nm.	5 904
208	Polymyxins.ab,ti,kf,nm.	3 458
209	Pristinamycin.ab,ti,kf,nm.	497
210	Prodigiosin.ab,ti,kf,nm.	788
211	Ribostamycin.ab,ti,kf,nm.	189
212	Rifabutin.ab,ti,kf,nm.	2 484
213	Rifamycin?.ab,ti,kf,nm.	3 110
214	Rifaximin.ab,ti,kf,nm.	1 266
215	Ristocetin.ab,ti,kf,nm.	3 159
216	Rolitetracycline.ab,ti,kf,nm.	397
217	Roxarsone.ab,ti,kf,nm.	242
218	Roxithromycin.ab,ti,kf,nm.	1 477
219	Rutamycin.ab,ti,kf,nm.	81
220	Sirolimus.ab,ti,kf,nm.	20 048
221	Sisomicin.ab,ti,kf,nm.	802
222	Spectinomycin.ab,ti,kf,nm.	2 645
223	Spiramycin.ab,ti,kf,nm.	1 502
224	Streptogramin A.ab,ti,kf,nm.	135
225	Streptogramin Group A.ab,ti,kf,nm.	9



226	Streptogramin Group B.ab,ti,kf,nm.	26
227	Streptogramins.ab,ti,kf,nm.	389
228	Streptomycin.ab,ti,kf,nm.	30 923
229	Streptovaricin.ab,ti,kf,nm.	155
230	Sulbactam.ab,ti,kf,nm.	3 519
231	Sulbenicillin.ab,ti,kf,nm.	174
232	Sulfacetamide.ab,ti,kf,nm.	473
233	Sulfadiazine.ab,ti,kf,nm.	5 170
234	Sulfamerazine.ab,ti,kf,nm.	687
235	Sulfamethoxypyridazine.ab,ti,kf,nm.	752
236	Sulfanilamide.ab,ti,kf,nm.	7 114
237	Sulfasalazine.ab,ti,kf,nm.	5 673
238	Sulfisoxazole.ab,ti,kf,nm.	1 320
239	Sulfamethizole.ab,ti,kf,nm.	417
240	Talampicillin.ab,ti,kf,nm.	104
241	Tazobactam.ab,ti,kf,nm.	4 833
242	Teicoplanin.ab,ti,kf,nm.	3 959
243	telavancin.ab,ti,kf,nm.	403
244	Thiamphenicol.ab,ti,kf,nm.	1 156
245	Thienamycins.ab,ti,kf,nm.	3 579
246	Thiostrepton.ab,ti,kf,nm.	566
247	Ticarcillin.ab,ti,kf,nm.	2 139
248	Tigecycline.ab,ti,kf,nm.	3 117
249	Tinidazole.ab,ti,kf,nm.	1 424
250	Tinidazole.ab,ti,kf,nm.	1 424
251	Tobramycin.ab,ti,kf,nm.	7 629
252	torezolid.ab,ti,kf,nm.	23



253	tedizolid.ab,ti,kf,nm.	286
254	Trimethoprim.ab,ti,kf,nm.	21 566
255	Sulfamethoxazole.ab,ti,kf,nm.	18 098
256	Temocillin.ab,ti,kf,nm.	290
257	Troleandomycin.ab,ti,kf,nm.	873
258	Tunicamycin.ab,ti,kf,nm.	5 810
259	Tylosin.ab,ti,kf,nm.	1 855
260	Tyrocidine.ab,ti,kf,nm.	224
261	Tyrothricin.ab,ti,kf,nm.	797
262	Valinomycin.ab,ti,kf,nm.	4 304
263	Vancomycin.ab,ti,kf,nm.	29 087
264	Vernamycin B.ab,ti,kf,nm.	17
265	Viomycin.ab,ti,kf,nm.	805
266	Virginiamycin.ab,ti,kf,nm.	1 441
267	amox-clav.ab,ti,kf,nm.	14
268	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 292
269	augmentin.ab,ti,kf,nm.	605
270	brl-25000.ab,ti,kf,nm.	31
271	brl25000.ab,ti,kf,nm.	1
272	clavulin.ab,ti,kf,nm.	4
273	co-amoxiclav.ab,ti,kf,nm.	524
274	coamoxiclav.ab,ti,kf,nm.	36
275	spektramox.ab,ti,kf,nm.	6
276	synulox.ab,ti,kf,nm.	5
277	brl-14151.ab,ti,kf,nm.	2
278	brl14151.ab,ti,kf,nm.	0
279	mm-14151.ab,ti,kf,nm.	0



280	mm14151.ab,ti,kf,nm.	0
281	tazocel.ab,ti,kf,nm.	1
282	tazocillin.ab,ti,kf,nm.	9
283	tazocin.ab,ti,kf,nm.	58
284	zosyn.ab,ti,kf,nm.	28
285	betamaze.ab,ti,kf,nm.	0
286	cp-45899.ab,ti,kf,nm.	10
287	cp45899.ab,ti,kf,nm.	0
288	combactam.ab,ti,kf,nm.	3
289	ytr 830h.ab,ti,kf,nm.	9
290	ytr-830.ab,ti,kf,nm.	28
291	ytr830.ab,ti,kf,nm.	0
292	55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273 or 274 or 275 or 276 or 277 or 278 or 279 or 280 or 281 or 282 or 283 or 284 or 285 or 286 or 287 or 288 or 289 or 290 or 291	551 161
293	31 or 39 or 54 or 292	1 120 677
294	30 and 293	375
<b>Comments</b>		

2.3.2.2 *Embase*

Date	8 October 2019	Results
Database	Embase.com	
Search strategy		
<b>ID</b>	<b>Search</b>	
#1	'test'/exp OR test	3 003 919
#2	'pulpotomy'/de	122
#3	'pulpotomy'/de	243
#4	#2 OR #3	340
#5	(pulp NEAR/3 necros*):ab,ti,kw	712
#6	((total OR infected OR sterile OR irreversible) NEAR/3 pulpitis):ab,ti,kw	501
#7	pulpectom*:ab,ti,kw	541
#8	pulpotom*:ab,ti,kw	1 100
#9	#5 OR #6 OR #7 OR #8	2 651
#10	#4 OR #9	2 709
#11	'pulpitis'/de	3 111
#12	pulpitis:ab,ti,kw	1 556
#13	#11 OR #12	3 502
#14	'tooth pain'/de	7 490
#15	toothache:ab,ti,kw	1 545
#16	odontalgia*:ab,ti,kw	247
#17	((tooth OR teeth) NEAR/3 pain):ab,ti,kw	1 188
#18	dentalgia\$:ab,ti,kw	7
#19	#15 OR #16 OR #17 OR #18	2 877
#20	#14 OR #19	8 845
#21	#13 AND #20	408
#22	'root canal therapy'/exp	3 406



#23	('root canal' NEAR/3 (therap* OR treatment\$)):ab,ti,kw	4 308
#24	#22 OR #23	6 999
#25	#13 AND #24	376
#26	'endodontics'/de	28 085
#27	endodontic*:ab,ti,kw	18 620
#28	#26 OR #27	36 336
#29	#13 AND #28	1 477
#30	#10 OR #21 OR #25 OR #29	3 976
#31	'antiinfective agent'/exp	3 512 952
#32	antibiotic*:ab,ti,kw,jt	456 438
#33	'anti biotic**:ab,ti,kw,jt	310
#34	bacteriocid*:ab,ti,kw,jt	710
#35	anti\$bacterial*:ab,ti,kw,jt	97 688
#36	anti\$mycobacterial*:ab,ti,kw,jt	4 689
#37	anti\$infect*:ab,ti,kw,jt	1 718
#38	anti\$microbial*:ab,ti,kw,jt	253 795
#39	#32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38	696 440
#40	aminoglycoside\$:ab,ti,kw,tn	23 596
#41	ansamycin\$:ab,ti,kw,tn	737
#42	('beta lactamase' OR 'b lactamase') NEAR/3 (antagonist\$ OR inhibitor\$):ab,ti,kw,jt	1 086
#43	carbapenem\$:ab,ti,kw,tn	16 822
#44	penicillin\$:ab,ti,kw,tn	64 926
#45	cephalosporin\$:ab,ti,kw,tn	28 741
#46	lincosamide\$:ab,ti,kw,tn	1 747
#47	macrolide\$:ab,ti,kw,tn	21 095
#48	monobactam\$:ab,ti,kw,tn	953
#49	nitrofuran\$:ab,ti,kw,tn	1 532



#50	oxazolidinone\$:ab,ti,kw,tn	3 144
#51	carboxypenicillin\$:ab,ti,kw,tn	53
#52	sulfonamide\$:ab,ti,kw,tn	17 156
#53	tetracycline\$:ab,ti,kw,tn	41 711
#54	#40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53	188 021
#55	alamethicin:ab,ti,kw,rn,tn	846
#56	amikacin:ab,ti,kw,rn,tn	13 120
#57	amoxicillin:ab,ti,kw,rn,tn	21 646
#58	'amoxicillin potassium':ab,ti,kw,rn,tn	33
#59	'amphotericin b':ab,ti,kw,rn,tn	22 864
#60	ampicillin:ab,ti,kw,rn,tn	28 182
#61	anisomycin:ab,ti,kw,rn,tn	1 843
#62	'antimycin a':ab,ti,kw,rn,tn	2 691
#63	aurodox:ab,ti,kw,rn,tn	39
#64	azithromycin:ab,ti,kw,rn,tn	12 254
#65	aztreonam:ab,ti,kw,rn,tn	4 225
#66	bacitracin:ab,ti,kw,rn,tn	3 496
#67	bacteriocin\$:ab,ti,kw,rn,tn	6 095
#68	bambermycin\$:ab,ti,kw,rn,tn	39
#69	'bongrekic acid':ab,ti,kw,rn,tn	401
#70	'brefeldin a':ab,ti,kw,rn,tn	4 146
#71	butirosin:ab,ti,kw,rn,tn	136
#72	calcimycin:ab,ti,kw,rn,tn	234
#73	candididin:ab,ti,kw,rn,tn	168
#74	capreomycin:ab,ti,kw,rn,tn	726
#75	carbenicillin:ab,ti,kw,rn,tn	2 750
#76	carfecillin:ab,ti,kw,rn,tn	82



#77	cefaclor:ab,ti,kw,rn,tn	2 344
#78	cefadroxil:ab,ti,kw,rn,tn	926
#79	cefamandole:ab,ti,kw,rn,tn	1 542
#80	cefatrizine:ab,ti,kw,rn,tn	200
#81	cefazolin:ab,ti,kw,rn,tn	5 774
#82	cefdinir:ab,ti,kw,rn,tn	700
#83	cefepime:ab,ti,kw,rn,tn	5 227
#84	cefixime:ab,ti,kw,rn,tn	2 598
#85	cefmenoxime:ab,ti,kw,rn,tn	610
#86	cefmetazole:ab,ti,kw,rn,tn	830
#87	cefonicid:ab,ti,kw,rn,tn	291
#88	cefoperazone:ab,ti,kw,rn,tn	3 706
#89	ceftaxime:ab,ti,kw,rn,tn	10 821
#90	cefotetan:ab,ti,kw,rn,tn	1 021
#91	cefotiam:ab,ti,kw,rn,tn	1 046
#92	cefoxitin:ab,ti,kw,rn,tn	5 364
#93	cefsulodin:ab,ti,kw,rn,tn	735
#94	ceftazidime:ab,ti,kw,rn,tn	12 141
#95	ceftibuten:ab,ti,kw,rn,tn	396
#96	ceftizoxime:ab,ti,kw,rn,tn	1 273
#97	ceftriaxone:ab,ti,kw,rn,tn	16 001
#98	cefuroxime:ab,ti,kw,rn,tn	6 009
#99	cephacetrile:ab,ti,kw,rn,tn	193
#100	cephalexin:ab,ti,kw,rn,tn	3 416
#101	cephaloglycin:ab,ti,kw,rn,tn	100
#102	cephaloridine:ab,ti,kw,rn,tn	1 409
#103	cephalothin:ab,ti,kw,rn,tn	3 354



#104	cephamycin\$:ab,ti,kw,rn,tn	903
#105	cephapirin:ab,ti,kw,rn,tn	404
#106	cephradine:ab,ti,kw,rn,tn	739
#107	chloramphenicol:ab,ti,kw,rn,tn	28 049
#108	chlortetracycline:ab,ti,kw,rn,tn	2 790
#109	ciprofloxacin:ab,ti,kw,rn,tn	34 230
#110	citrinin:ab,ti,kw,rn,tn	929
#111	clarithromycin:ab,ti,kw,rn,tn	13 283
#112	"clavulanic acid\$":ab,ti,kw,rn,tn	7 229
#113	clavulanate:ab,ti,kw,rn,tn	4 613
#114	clindamycin:ab,ti,kw,rn,tn	13 581
#115	cloxacillin:ab,ti,kw,rn,tn	2 146
#116	colistin:ab,ti,kw,rn,tn	7 786
#117	cyclacillin:ab,ti,kw,rn,tn	97
#118	dactinomycin:ab,ti,kw,rn,tn	1 089
#119	dalbavancin:ab,ti,kw,rn,tn	497
#120	daptomycin:ab,ti,kw,rn,tn	4 206
#121	demecclocycline:ab,ti,kw,rn,tn	391
#122	dibekacin:ab,ti,kw,rn,tn	431
#123	dicloxacillin:ab,ti,kw,rn,tn	841
#124	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#125	diketopiperazines:ab,ti,kw,rn,tn	636
#126	distamycins:ab,ti,kw,rn,tn	35
#127	doripenem:ab,ti,kw,rn,tn	986
#128	doxycycline:ab,ti,kw,rn,tn	18 899
#129	echinomycin:ab,ti,kw,rn,tn	315
#130	edeine:ab,ti,kw,rn,tn	120



#131	enoxacin:ab,ti,kw,rn,tn	1 289
#132	enrofloxacin:ab,ti,kw,rn,tn	2 813
#133	enviomycin:ab,ti,kw,rn,tn	54
#134	ertapenem:ab,ti,kw,rn,tn	2 408
#135	erythromycin:ab,ti,kw,rn,tn	24 888
#136	fidaxomicin:ab,ti,kw,rn,tn	688
#137	filipin:ab,ti,kw,rn,tn	1 542
#138	floxacillin:ab,ti,kw,rn,tn	15
#139	flucloxacillin:ab,ti,kw,rn,tn	1 402
#140	fosfomycin:ab,ti,kw,rn,tn	3 980
#141	framycetin:ab,ti,kw,rn,tn	220
#142	'fusidic acid':ab,ti,kw,rn,tn	2 160
#143	furazolidone:ab,ti,kw,rn,tn	1 621
#144	gatifloxacin:ab,ti,kw,rn,tn	2 146
#145	gatifloxacin:ab,ti,kw,rn,tn	2146
#146	gentamicins:ab,ti,kw,rn,tn	88
#147	gramicidin:ab,ti,kw,rn,tn	3671
#148	'hygromycin b':ab,ti,kw,rn,tn	952
#149	imipenem:ab,ti,kw,rn,tn	14 640
#150	josamycin:ab,ti,kw,rn,tn	870
#151	kanamycin:ab,ti,kw,rn,tn	9 752
#152	kitasamycin:ab,ti,kw,rn,tn	95
#153	lactams:ab,ti,kw,rn,tn	13 170
#154	lasalocid:ab,ti,kw,rn,tn	641
#155	leucomycins:ab,ti,kw,rn,tn	26
#156	levofloxacin:ab,ti,kw,rn,tn	11 730
#157	lincomycin:ab,ti,kw,rn,tn	2 678



#158	lincosamides:ab,ti,kw,rn,tn	812
#159	linezolid:ab,ti,kw,rn,tn	8 218
#160	lomefloxacin:ab,ti,kw,rn,tn	1 131
#161	lucensomycin:ab,ti,kw,rn,tn	31
#162	lymecycline:ab,ti,kw,rn,tn	157
#163	mafénide:ab,ti,kw,rn,tn	199
#164	meparticin:ab,ti,kw,rn,tn	137
#165	meropenem:ab,ti,kw,rn,tn	10 393
#166	methacycline:ab,ti,kw,rn,tn	211
#167	methicillin:ab,ti,kw,rn,tn	40 932
#168	metronidazole:ab,ti,kw,rn,tn	21 516
#169	mezlocillin:ab,ti,kw,rn,tn	1 215
#170	mikamycin:ab,ti,kw,rn,tn	43
#171	minocycline:ab,ti,kw,rn,tn	8 928
#172	miocamycin:ab,ti,kw,rn,tn	156
#173	moxalactam:ab,ti,kw,rn,tn	1 458
#174	moxifloxacin:ab,ti,kw,rn,tn	6 387
#175	mupirocin:ab,ti,kw,rn,tn	2 463
#176	mycobacillin:ab,ti,kw,rn,tn	61
#177	nadifloxacin:ab,ti,kw,rn,tn	135
#178	nafcillin:ab,ti,kw,rn,tn	873
#179	'nalidixic acid':ab,ti,kw,rn,tn	6 296
#180	natamycin:ab,ti,kw,rn,tn	731
#181	nebramycin:ab,ti,kw,rn,tn	40
#182	neomycin:ab,ti,kw,rn,tn	10 505
#183	netilmicin:ab,ti,kw,rn,tn	2 264
#184	netropsin:ab,ti,kw,rn,tn	651



#185	nigericin:ab,ti,kw,rn,tn	1 712
#186	nisin:ab,ti,kw,rn,tn	2 325
#187	nitrofurantoin:ab,ti,kw,rn,tn	4 708
#188	norfloxacin:ab,ti,kw,rn,tn	5 835
#189	novobiocin:ab,ti,kw,rn,tn	2 573
#190	nystatin:ab,ti,kw,rn,tn	4 505
#191	ofloxacin:ab,ti,kw,rn,tn	8 887
#192	oleandomycin:ab,ti,kw,rn,tn	790
#193	oligomycin\$:ab,ti,kw,rn,tn	3 837
#194	oritavancin:ab,ti,kw,rn,tn	430
#195	oxacillin:ab,ti,kw,rn,tn	5 675
#196	'oxolinic acid':ab,ti,kw,rn,tn	726
#197	oxytetracycline:ab,ti,kw,rn,tn	5 370
#198	paromomycin:ab,ti,kw,rn,tn	1 473
#199	pefloxacin:ab,ti,kw,rn,tn	1 612
#200	pefloxacin:ab,ti,kw,rn,tn	1 612
#201	'penicillic acid':ab,ti,kw,rn,tn	255
#202	'penicillin g':ab,ti,kw,rn,tn	7 535
#203	'penicillin v':ab,ti,kw,rn,tn	1 409
#204	'pipemidic acid':ab,ti,kw,rn,tn	628
#205	piperacillin:ab,ti,kw,rn,tn	10 684
#206	pivampicillin:ab,ti,kw,rn,tn	411
#207	'polymyxin b':ab,ti,kw,rn,tn	5 853
#208	polymyxins:ab,ti,kw,rn,tn	994
#209	pristinamycin:ab,ti,kw,rn,tn	591
#210	prodigiosin:ab,ti,kw,rn,tn	608
#211	ribostamycin:ab,ti,kw,rn,tn	192



#212	rifabutin:ab,ti,kw,rn,tn	1 585
#213	rifamycin\$:ab,ti,kw,rn,tn	2 345
#214	rifaximin:ab,ti,kw,rn,tn	2 255
#215	ristocetin:ab,ti,kw,rn,tn	4 122
#216	rolitetracycline:ab,ti,kw,rn,tn	129
#217	roxarsone:ab,ti,kw,rn,tn	229
#218	roxithromycin:ab,ti,kw,rn,tn	1 823
#219	rutamycin:ab,ti,kw,rn,tn	68
#220	sirolimus:ab,ti,kw,rn,tn	14 564
#221	sisomicin:ab,ti,kw,rn,tn	895
#222	spectinomycin:ab,ti,kw,rn,tn	2 408
#223	spiramycin:ab,ti,kw,rn,tn	1 453
#224	'streptogramin a':ab,ti,kw,rn,tn	113
#225	'streptogramin group a':ab,ti,kw,rn,tn	5
#226	'streptogramin group b':ab,ti,kw,rn,tn	4
#227	streptogramins:ab,ti,kw,rn,tn	384
#228	streptomycin:ab,ti,kw,rn,tn	23 416
#229	streptovaricin:ab,ti,kw,rn,tn	94
#230	sulbactam:ab,ti,kw,rn,tn	4 994
#231	sulbenicillin:ab,ti,kw,rn,tn	191
#232	sulfacetamide:ab,ti,kw,rn,tn	311
#233	sulfadiazine:ab,ti,kw,rn,tn	3 817
#234	sulfamerazine:ab,ti,kw,rn,tn	433
#235	sulfamethoxypyridazine:ab,ti,kw,rn,tn	335
#236	sulfanilamide:ab,ti,kw,rn,tn	1 296
#237	sulfasalazine:ab,ti,kw,rn,tn	5 330
#238	sulfisoxazole:ab,ti,kw,rn,tn	774



#239	sulfamethizole:ab,ti,kw,rn,tn	226
#240	talampicillin:ab,ti,kw,rn,tn	148
#241	tazobactam:ab,ti,kw,rn,tn	8 024
#242	teicoplanin:ab,ti,kw,rn,tn	4 893
#243	telavancin:ab,ti,kw,rn,tn	517
#244	thiamphenicol:ab,ti,kw,rn,tn	860
#245	thienamycins:ab,ti,kw,rn,tn	9
#246	thiostrepton:ab,ti,kw,rn,tn	601
#247	ticarcillin:ab,ti,kw,rn,tn	2 506
#248	tigecycline:ab,ti,kw,rn,tn	4 516
#249	tinidazole:ab,ti,kw,rn,tn	1 817
#250	tinidazole:ab,ti,kw,rn,tn	1 817
#251	tobramycin:ab,ti,kw,rn,tn	9 190
#252	torezolid:ab,ti,kw,rn,tn	41
#253	tedizolid:ab,ti,kw,rn,tn	354
#254	trimethoprim:ab,ti,kw,rn,tn	20 460
#255	sulfamethoxazole:ab,ti,kw,rn,tn	15 443
#256	temocillin:ab,ti,kw,rn,tn	366
#257	troleandomycin:ab,ti,kw,rn,tn	660
#258	tunicamycin:ab,ti,kw,rn,tn	5 959
#259	tylosin:ab,ti,kw,rn,tn	1 646
#260	tyrocidine:ab,ti,kw,rn,tn	193
#261	tyrothricin:ab,ti,kw,rn,tn	214
#262	valinomycin:ab,ti,kw,rn,tn	3 080
#263	vancomycin:ab,ti,kw,rn,tn	38 004
#264	vernamycin AND b:ab,ti,kw,rn,tn	23
#265	viomycin:ab,ti,kw,rn,tn	469



#266	virginiamycin:ab,ti,kw,rn,tn	591
#267	'amox clav':ab,ti,kw,rn,tn	30
#268	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 271
#269	augmentin:ab,ti,kw,rn,tn	3 895
#270	'brl 25000':ab,ti,kw,rn,tn	107
#271	brl25000:ab,ti,kw,rn,tn	80
#272	clavulin:ab,ti,kw,rn,tn	58
#273	'co amoxiclav':ab,ti,kw,rn,tn	944
#274	coamoxiclav:ab,ti,kw,rn,tn	177
#275	spektramox:ab,ti,kw,rn,tn	22
#276	synulox:ab,ti,kw,rn,tn	132
#277	'brl 14151':ab,ti,kw,rn,tn	20
#278	brl14151:ab,ti,kw,rn,tn	3
#279	'mm 14151':ab,ti,kw,rn,tn	2
#280	mm14151:ab,ti,kw,rn,tn	0
#281	tazocel:ab,ti,kw,rn,tn	8
#282	tazocillin:ab,ti,kw,rn,tn	27
#283	tazocin:ab,ti,kw,rn,tn	537
#284	zosyn:ab,ti,kw,rn,tn	610
#285	betamaze:ab,ti,kw,rn,tn	5
#286	'cp 45899':ab,ti,kw,rn,tn	76
#287	cp45899:ab,ti,kw,rn,tn	1
#288	combactam:ab,ti,kw,rn,tn	42
#289	'ytr 830h':ab,ti,kw,rn,tn	21
#290	'ytr 830':ab,ti,kw,rn,tn	44
#291	ytr830:ab,ti,kw,rn,tn	1



#292	#55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278 OR #279 OR #280 OR #281 OR #282 OR #283 OR #284 OR #285 OR #286 OR #287 OR #288 OR #289 OR #290 OR #291	509 242
#293	#31 OR #39 OR #54 OR #292	3 735 622
#294	#30 AND #293	959
#295	#294 NOT [medline]/lim	128
#296	#295 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	107
<b>Comments</b>		



## 2.4 Symptomatic apical periodontitis and acute apical abscess in permanent teeth

### 2.4.1 Systematic reviews and RCTs

#### 2.4.1.1 Ovid MEDLINE

Date	4 October 2019	
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to October 04, 2019>	
Search strategy		
ID	Search	Results
1	exp Periapical diseases/	7 373
2	(dental adj5 abscess*).ab,ti,kf.	601
3	(peri?apical adj5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)).ab,ti,kf.	1 928
4	(apical adj5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)).ab,ti,kf.	2 891
5	(dento?alveolar adj5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)).ab,ti,kf.	168
6	(alveolar adj5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)).ab,ti,kf.	6 484
7	(peri?radicular adj5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)).ab,ti,kf.	235
8	(radicular adj5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)).ab,ti,kf.	246
9	((suppurative or ulcerative) adj5 periodontitis).ab,ti,kf.	119
10	((odontogenic or peri?dont* or endodont* or parodont*) adj3 (abscess* or necro* or suppurative)).ab,ti,kf.	1 016
11	(dental pulp adj3 (necro* or gangrene or autolysis)).ab,ti,kf.	119
12	pulp mummification.ab,ti,kf.	12
13	2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12	12 743
14	1 or 13	17 542
15	exp Anti-Bacterial Agents/	707 611
16	antibiotic*.ab,ti,kf,jw.	342 572
17	anti-biotic*.ab,ti,kf,jw.	126
18	bacteriocid*.ab,ti,kf,jw.	578



19	anti?bacterial*.ab,ti,kf,jw.	70 698
20	anti?mycobacterial*.ab,ti,kf,jw.	3 680
21	anti?infect*.ab,ti,kf,jw.	2 608
22	anti?microbial*.ab,ti,kf,jw.	200 286
23	16 or 17 or 18 or 19 or 20 or 21 or 22	532 198
24	Aminoglycoside?.ab,ti,kf,nm.	23 459
25	Ansamycin?.ab,ti,kf,nm.	561
26	("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?).ab,ti,kf,jw.	2 864
27	Carbapenem?.ab,ti,kf,nm.	12 375
28	penicillin?.ab,ti,kf,nm.	77 177
29	Cephalosporin?.ab,ti,kf,nm.	31 682
30	Lincosamide?.ab,ti,kf,nm.	1 583
31	macrolide?.ab,ti,kf,nm.	22 821
32	Monobactam?.ab,ti,kf,nm.	930
33	Nitrofuran?.ab,ti,kf,nm.	2 543
34	Oxazolidinone?.ab,ti,kf,nm.	5 119
35	carboxypenicillin?.ab,ti,kf,nm.	45
36	sulfonamide?.ab,ti,kf,nm.	53 148
37	Tetracycline?.ab,ti,kf,nm.	45 181
38	24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37	241 669
39	Alamethicin.ab,ti,kf,nm.	837
40	Amikacin.ab,ti,kf,nm.	9 894
41	Amoxicillin.ab,ti,kf,nm.	19 352
42	Amoxicillin-Potassium.ab,ti,kf,nm.	2 514
43	Amphotericin B.ab,ti,kf,nm.	23 033
44	Ampicillin.ab,ti,kf,nm.	28 579
45	Anisomycin.ab,ti,kf,nm.	1 969



46	Antimycin A.ab,ti,kf,nm.	4 335
47	Aurodox.ab,ti,kf,nm.	35
48	Azithromycin.ab,ti,kf,nm.	8 700
49	Aztreonam.ab,ti,kf,nm.	3 242
50	Bacitracin.ab,ti,kf,nm.	4 157
51	Bacteriocin?.ab,ti,kf,nm.	8 038
52	Bambermycin?.ab,ti,kf,nm.	134
53	Bongrekic Acid.ab,ti,kf,nm.	455
54	Brefeldin A.ab,ti,kf,nm.	4 138
55	Butirosin.ab,ti,kf,nm.	151
56	Calcimycin.ab,ti,kf,nm.	11 919
57	Candididin.ab,ti,kf,nm.	306
58	Capreomycin.ab,ti,kf,nm.	664
59	Carbenicillin.ab,ti,kf,nm.	3 291
60	Carfecillin.ab,ti,kf,nm.	37
61	Cefaclor.ab,ti,kf,nm.	1 772
62	Cefadroxil.ab,ti,kf,nm.	722
63	Cefamandole.ab,ti,kf,nm.	1 646
64	Cefatrizine.ab,ti,kf,nm.	117
65	Cefazolin.ab,ti,kf,nm.	5 155
66	Cefdinir.ab,ti,kf,nm.	427
67	Cefepime.ab,ti,kf,nm.	3 304
68	Cefixime.ab,ti,kf,nm.	1 712
69	Cefmenoxime.ab,ti,kf,nm.	521
70	Cefmetazole.ab,ti,kf,nm.	688
71	Cefonicid.ab,ti,kf,nm.	251
72	Cefoperazone.ab,ti,kf,nm.	2 687



73	Cefotaxime.ab,ti,kf,nm.	10 546
74	Cefotetan.ab,ti,kf,nm.	798
75	Cefotiam.ab,ti,kf,nm.	686
76	Cefoxitin.ab,ti,kf,nm.	4 564
77	Cefsulodin.ab,ti,kf,nm.	632
78	Ceftazidime.ab,ti,kf,nm.	9 372
79	Ceftibuten.ab,ti,kf,nm.	318
80	Ceftizoxime.ab,ti,kf,nm.	1 579
81	Ceftriaxone.ab,ti,kf,nm.	12 076
82	Cefuroxime.ab,ti,kf,nm.	4 796
83	Cephacetrile.ab,ti,kf,nm.	163
84	Cephalexin.ab,ti,kf,nm.	3 508
85	Cephaloglycin.ab,ti,kf,nm.	130
86	Cephaloridine.ab,ti,kf,nm.	2 062
87	Cephalothin.ab,ti,kf,nm.	4 422
88	Cephamycin?.ab,ti,kf,nm.	1 678
89	Cephapirin.ab,ti,kf,nm.	612
90	Cephradine.ab,ti,kf,nm.	872
91	Chloramphenicol.ab,ti,kf,nm.	40 195
92	Chlortetracycline.ab,ti,kf,nm.	6 563
93	Ciprofloxacin.ab,ti,kf,nm.	27 305
94	Citrinin.ab,ti,kf,nm.	859
95	Clarithromycin.ab,ti,kf,nm.	10 271
96	Clavulanic Acid?.ab,ti,kf,nm.	6 257
97	clavulanate.ab,ti,kf,nm.	5 068
98	Clindamycin.ab,ti,kf,nm.	11 863
99	Cloxacillin.ab,ti,kf,nm.	2 663



100	Colistin.ab,ti,kf,nm.	7 066
101	Cyclacillin.ab,ti,kf,nm.	110
102	Dactinomycin.ab,ti,kf,nm.	19 107
103	dalbavancin.ab,ti,kf,nm.	404
104	Daptomycin.ab,ti,kf,nm.	3 094
105	Demeclocycline.ab,ti,kf,nm.	1 014
106	Dibekacin.ab,ti,kf,nm.	629
107	Dicloxacillin.ab,ti,kf,nm.	907
108	Dihydrostreptomycin.ab,ti,kf,nm.	1 564
109	Diketopiperazines.ab,ti,kf,nm.	897
110	Distamycins.ab,ti,kf,nm.	778
111	Doripenem.ab,ti,kf,nm.	644
112	Doxycycline.ab,ti,kf,nm.	16 305
113	Echinomycin.ab,ti,kf,nm.	332
114	Edeine.ab,ti,kf,nm.	144
115	Enoxacin.ab,ti,kf,nm.	1 128
116	Enrofloxacin.ab,ti,kf,nm.	2 534
117	Enviomycin.ab,ti,kf,nm.	75
118	Ertapenem.ab,ti,kf,nm.	1 528
119	Erythromycin.ab,ti,kf,nm.	25 633
120	Fidaxomicin.ab,ti,kf,nm.	480
121	Filipin.ab,ti,kf,nm.	1 436
122	Floxacillin.ab,ti,kf,nm.	732
123	Flucloxacillin.ab,ti,kf,nm.	835
124	Fosfomycin.ab,ti,kf,nm.	3 226
125	Framycetin.ab,ti,kf,nm.	562
126	Fusidic Acid.ab,ti,kf,nm.	2 475



127	furazolidone.ab,ti,kf,nm.	1 814
128	Gatifloxacin.ab,ti,kf,nm.	1 710
129	Gatifloxacin.ab,ti,kf,nm.	1 710
130	Gentamicins.ab,ti,kf,nm.	18 072
131	Gramicidin.ab,ti,kf,nm.	4 059
132	Hygromycin B.ab,ti,kf,nm.	1 507
133	Imipenem.ab,ti,kf,nm.	10 704
134	Josamycin.ab,ti,kf,nm.	717
135	Kanamycin.ab,ti,kf,nm.	13 721
136	Kitasamycin.ab,ti,kf,nm.	127
137	Lactams.ab,ti,kf,nm.	19 531
138	Lasalocid.ab,ti,kf,nm.	910
139	Leucomycins.ab,ti,kf,nm.	1 851
140	Levofloxacin.ab,ti,kf,nm.	7 505
141	Lincomycin.ab,ti,kf,nm.	364
142	Lincosamides.ab,ti,kf,nm.	962
143	Linezolid.ab,ti,kf,nm.	5 795
144	Lomefloxacin.ab,ti,kf,nm.	906
145	Lucensomycin.ab,ti,kf,nm.	41
146	Lymecycline.ab,ti,kf,nm.	170
147	Mafenide.ab,ti,kf,nm.	269
148	Mepartycin.ab,ti,kf,nm.	104
149	Meropenem.ab,ti,kf,nm.	6 594
150	Methacycline.ab,ti,kf,nm.	414
151	Methicillin.ab,ti,kf,nm.	33 115
152	Metronidazole.ab,ti,kf,nm.	19 231
153	Mezlocillin.ab,ti,kf,nm.	1 037



154	Mikamycin.ab,ti,kf,nm.	46
155	Minocycline.ab,ti,kf,nm.	8 631
156	Miocamycin.ab,ti,kf,nm.	309
157	Moxalactam.ab,ti,kf,nm.	1 527
158	Moxifloxacin.ab,ti,kf,nm.	4 700
159	Mupirocin.ab,ti,kf,nm.	1 983
160	Mycobacillin.ab,ti,kf,nm.	59
161	Nadifloxacin.ab,ti,kf,nm.	95
162	Nafcillin.ab,ti,kf,nm.	964
163	Nalidixic Acid.ab,ti,kf,nm.	6 618
164	Natamycin.ab,ti,kf,nm.	1 022
165	Nebramycin.ab,ti,kf,nm.	169
166	Neomycin.ab,ti,kf,nm.	13 231
167	Netilmicin.ab,ti,kf,nm.	1 938
168	Netropsin.ab,ti,kf,nm.	750
169	Nigericin.ab,ti,kf,nm.	2 117
170	Nisin.ab,ti,kf,nm.	2 258
171	Nitrofurantoin.ab,ti,kf,nm.	4 496
172	Norfloxacin.ab,ti,kf,nm.	4 938
173	Novobiocin.ab,ti,kf,nm.	3 273
174	Nystatin.ab,ti,kf,nm.	5 111
175	Ofloxacin.ab,ti,kf,nm.	9 469
176	Oleandomycin.ab,ti,kf,nm.	1 304
177	Oligomycin?.ab,ti,kf,nm.	5 033
178	Oritavancin.ab,ti,kf,nm.	378
179	Oxacillin.ab,ti,kf,nm.	5 471
180	Oxolinic Acid.ab,ti,kf,nm.	719



181	Oxytetracycline.ab,ti,kf,nm.	8 319
182	Paromomycin.ab,ti,kf,nm.	1 863
183	Pefloxacin.ab,ti,kf,nm.	1 408
184	Pefloxacin.ab,ti,kf,nm.	1 408
185	Penicillic Acid.ab,ti,kf,nm.	262
186	Penicillin G.ab,ti,kf,nm.	15 141
187	Penicillin V.ab,ti,kf,nm.	2 672
188	Pipemidic Acid.ab,ti,kf,nm.	444
189	Piperacillin.ab,ti,kf,nm.	7 139
190	Pivampicillin.ab,ti,kf,nm.	331
191	Polymyxin B.ab,ti,kf,nm.	5 904
192	Polymyxins.ab,ti,kf,nm.	3 458
193	Pristinamycin.ab,ti,kf,nm.	497
194	Prodigiosin.ab,ti,kf,nm.	788
195	Ribostamycin.ab,ti,kf,nm.	189
196	Rifabutin.ab,ti,kf,nm.	2 482
197	Rifamycin?.ab,ti,kf,nm.	3 110
198	Rifaximin.ab,ti,kf,nm.	1 264
199	Ristocetin.ab,ti,kf,nm.	3 159
200	Rolitetracycline.ab,ti,kf,nm.	397
201	Roxarsone.ab,ti,kf,nm.	242
202	Roxithromycin.ab,ti,kf,nm.	1 477
203	Rutamycin.ab,ti,kf,nm.	81
204	Sirolimus.ab,ti,kf,nm.	20 040
205	Sisomicin.ab,ti,kf,nm.	801
206	Spectinomycin.ab,ti,kf,nm.	2 645
207	Spiramycin.ab,ti,kf,nm.	1 502



208	Streptogramin A.ab,ti,kf,nm.	135
209	Streptogramin Group A.ab,ti,kf,nm.	9
210	Streptogramin Group B.ab,ti,kf,nm.	26
211	Streptogramins.ab,ti,kf,nm.	389
212	Streptomycin.ab,ti,kf,nm.	30 913
213	Streptovaricin.ab,ti,kf,nm.	155
214	Sulbactam.ab,ti,kf,nm.	3 519
215	Sulbenicillin.ab,ti,kf,nm.	174
216	Sulfacetamide.ab,ti,kf,nm.	473
217	Sulfadiazine.ab,ti,kf,nm.	5 169
218	Sulfamerazine.ab,ti,kf,nm.	687
219	Sulfamethoxypyridazine.ab,ti,kf,nm.	752
220	Sulfanilamide.ab,ti,kf,nm.	7 114
221	Sulfasalazine.ab,ti,kf,nm.	5 671
222	Sulfisoxazole.ab,ti,kf,nm.	1 320
223	Sulfamethizole.ab,ti,kf,nm.	417
224	Talampicillin.ab,ti,kf,nm.	104
225	Tazobactam.ab,ti,kf,nm.	4 831
226	Teicoplanin.ab,ti,kf,nm.	3 957
227	telavancin.ab,ti,kf,nm.	402
228	Thiamphenicol.ab,ti,kf,nm.	1 156
229	Thienamycins.ab,ti,kf,nm.	3 579
230	Thiostrepton.ab,ti,kf,nm.	566
231	Ticarcillin.ab,ti,kf,nm.	2 139
232	Tigecycline.ab,ti,kf,nm.	3 115
233	Tinidazole.ab,ti,kf,nm.	1 424
234	Tinidazole.ab,ti,kf,nm.	1 424



235	Tobramycin.ab,ti,kf,nm.	7 627
236	torezolid.ab,ti,kf,nm.	23
237	tedizolid.ab,ti,kf,nm.	286
238	Trimethoprim.ab,ti,kf,nm.	21 558
239	Sulfamethoxazole.ab,ti,kf,nm.	18 090
240	Temocillin.ab,ti,kf,nm.	290
241	Troleandomycin.ab,ti,kf,nm.	873
242	Tunicamycin.ab,ti,kf,nm.	5 808
243	Tylosin.ab,ti,kf,nm.	1 855
244	Tyrocidine.ab,ti,kf,nm.	224
245	Tyrothricin.ab,ti,kf,nm.	797
246	Valinomycin.ab,ti,kf,nm.	4 304
247	Vancomycin.ab,ti,kf,nm.	29 072
248	Vernamycin B.ab,ti,kf,nm.	17
249	Viomycin.ab,ti,kf,nm.	805
250	Virginiamycin.ab,ti,kf,nm.	1 441
251	amox-clav.ab,ti,kf,nm.	14
252	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 292
253	augmentin.ab,ti,kf,nm.	605
254	brl-25000.ab,ti,kf,nm.	31
255	brl25000.ab,ti,kf,nm.	1
256	clavulin.ab,ti,kf,nm.	4
257	co-amoxiclav.ab,ti,kf,nm.	524
258	coamoxiclav.ab,ti,kf,nm.	36
259	spektramox.ab,ti,kf,nm.	6
260	synulox.ab,ti,kf,nm.	5
261	brl-14151.ab,ti,kf,nm.	2



262	bri14151.ab,ti,kf,nm.	0
263	mm-14151.ab,ti,kf,nm.	0
264	mm14151.ab,ti,kf,nm.	0
265	tazocel.ab,ti,kf,nm.	1
266	tazocillin.ab,ti,kf,nm.	9
267	tazocin.ab,ti,kf,nm.	58
268	zosyn.ab,ti,kf,nm.	28
269	betamaze.ab,ti,kf,nm.	0
270	cp-45899.ab,ti,kf,nm.	10
271	cp45899.ab,ti,kf,nm.	0
272	combactam.ab,ti,kf,nm.	3
273	ytr 830h.ab,ti,kf,nm.	9
274	ytr-830.ab,ti,kf,nm.	28
275	ytr830.ab,ti,kf,nm.	0
276	39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273 or 274 or 275	550 996
277	15 or 23 or 38 or 276	1 120 217
278	14 and 277	1972
279	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development conference'.pt. or	367 764



'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ((('evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and (((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/ or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri\*) or 'exclusion criteri\*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview\* or review or reviews or search\* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy\* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.))) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms])

280	278 and 279	41
281	randomized controlled trial.pt.	49 0863
282	controlled clinical trial.pt.	93 307
283	randomized.ti,ab.	492 204
284	placebo.ti,ab.	206 710
285	clinical trials as topic/	188 610
286	randomly.ti,ab.	319 871
287	trial?.ti.	274 146
288	281 or 282 or 283 or 284 or 285 or 286 or 287	1 273 489
289	exp animal/ not humans/	4 625 045
290	288 not 289	1 172 218
291	278 and 290	174
292	limit 280 to yr="2000-2019"	38
293	limit 291 to yr="2017-2019"	27
Comments		

2.4.1.2 *Cochrane*

Date	7 October 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
#1	[mh "Periapical diseases"]	292
#2	(dental NEAR/5 abscess*):ab,ti,kw	27
#3	(peri?apical NEAR/5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)):ab,ti,kw	368
#4	(apical NEAR/5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)):ab,ti,kw	310
#5	(dento?alveolar NEAR/5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)):ab,ti,kw	13
#6	(alveolar NEAR/5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)):ab,ti,kw	238
#7	(peri?radicular NEAR/5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)):ab,ti,kw	16
#8	(radicular NEAR/5 (abscess* or infect* or inflamm* or peri?dont* or necro* or suppurative)):ab,ti,kw	30
#9	((suppurative or ulcerative) NEAR/5 periodontitis):ab,ti,kw	4
#10	((odontogenic or peri?dont* or endodont* or parodont*) NEAR/3 (abscess* or necro* or suppurative)):ab,ti,kw	85
#11	("dental pulp" NEAR/3 (necro* or gangrene or autolysis)):ab,ti,kw	172
#12	"pulp mummification":ab,ti,kw	0
#13	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12	962
#14	#1 or #13	1 018
#15	[mh "Anti-Bacterial Agents"]	11 384
#16	antibiotic*:ab,ti,so	25 893
#17	anti-biotic*:ab,ti,so	25 891
#18	bacteriocid*:ab,ti,so	26
#19	anti?bacterial*:ab,ti,so	2 680
#20	anti?mycobacterial*:ab,ti,so	95
#21	anti?infect*:ab,ti,so	528
#22	anti?microbial*:ab,ti,so	10 088



#23	#16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22	35 226
#24	Aminoglycoside?:ab,ti	765
#25	Ansamycin?:ab,ti	11
#26	(("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?)):ab,ti	929
#27	Carbapenem?:ab,ti	449
#28	penicillin?:ab,ti	2 294
#29	Cephalosporin?:ab,ti	1 352
#30	Lincosamide?:ab,ti	13
#31	macrolide?:ab,ti	973
#32	Monobactam?:ab,ti	27
#33	Nitrofuran?:ab,ti	12
#34	Oxazolidinone?:ab,ti	89
#35	carboxypenicillin?:ab,ti	3
#36	sulfonamide?:ab,ti	176
#37	Tetracycline?:ab,ti	1 791
#38	#24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37	8 061
#39	Alamethicin:ab,ti	1
#40	Amikacin:ab,ti	767
#41	Amoxicillin:ab,ti	4 097
#42	Amoxicillin-Potassium:ab,ti	10
#43	Amphotericin B:ab,ti	1 003
#44	Ampicillin:ab,ti	1 449
#45	Anisomycin:ab,ti	0
#46	"Antimycin A":ab,ti	2
#47	Aurodox:ab,ti	0
#48	Azithromycin:ab,ti	2 250
#49	Aztreonam:ab,ti	340



#50	Bacitracin:ab,ti	145
#51	Bacteriocin?:ab,ti	29
#52	Bambermycin?:ab,ti	0
#53	"Bongrekic Acid":ab,ti	0
#54	"Brefeldin A":ab,ti	6
#55	Butirosin:ab,ti	0
#56	Calcimycin:ab,ti	4
#57	Candididin:ab,ti	7
#58	Capreomycin:ab,ti	19
#59	Carbenicillin:ab,ti	133
#60	Carfecillin:ab,ti	2
#61	Cefaclor:ab,ti	435
#62	Cefadroxil:ab,ti	171
#63	Cefamandole:ab,ti	234
#64	Cefatrizine:ab,ti	21
#65	Cefazolin:ab,ti	821
#66	Cefdinir:ab,ti	104
#67	Cefepime:ab,ti	283
#68	Cefixime:ab,ti	321
#69	Cefmenoxime:ab,ti	31
#70	Cefmetazole:ab,ti	76
#71	Cefonicid:ab,ti	66
#72	Cefoperazone:ab,ti	249
#73	Cefotaxime:ab,ti	701
#74	Cefotetan:ab,ti	170
#75	Cefotiam:ab,ti	117
#76	Cefoxitin:ab,ti	438



#77	Cefsulodin:ab,ti	12
#78	Ceftazidime:ab,ti	927
#79	Ceftibuten:ab,ti	79
#80	Ceftizoxime:ab,ti	136
#81	Ceftriaxone:ab,ti	1 354
#82	Cefuroxime:ab,ti	832
#83	Cephacetrile:ab,ti	9
#84	Cephalexin:ab,ti	388
#85	Cephaloglycin:ab,ti	12
#86	Cephaloridine:ab,ti	72
#87	Cephalothin:ab,ti	179
#88	Cephamycin?:ab,ti	27
#89	Cephapirin:ab,ti	21
#90	Cephradine:ab,ti	113
#91	Chloramphenicol:ab,ti	467
#92	Chlortetracycline:ab,ti	29
#93	Ciprofloxacin:ab,ti	2 296
#94	Citrinin:ab,ti	0
#95	Clarithromycin:ab,ti	2 811
#96	Clavulanic NEXT Acid?:ab,ti	695
#97	clavulanate:ab,ti	710
#98	Clindamycin:ab,ti	1 524
#99	Cloxacillin:ab,ti	152
#100	Colistin:ab,ti	330
#101	Cyclacillin:ab,ti	14
#102	Dactinomycin:ab,ti	119
#103	dalbavancin:ab,ti	44



#104	Daptomycin:ab,ti	159
#105	Demeclocycline:ab,ti	22
#106	Dibekacins:ab,ti	8
#107	Dicloxacillin:ab,ti	72
#108	Dihydrostreptomycin:ab,ti	3
#109	Diketopiperazines:ab,ti	3
#110	Distamycins:ab,ti	0
#111	Doripenem:ab,ti	84
#112	Doxycycline:ab,ti	1 766
#113	Echinomycin:ab,ti	1
#114	Edeine:ab,ti	0
#115	Enoxacin:ab,ti	105
#116	Enrofloxacin:ab,ti	11
#117	Enviomycin:ab,ti	0
#118	Ertapenem:ab,ti	160
#119	Erythromycin:ab,ti	1 743
#120	Fidaxomicin:ab,ti	106
#121	Filipin:ab,ti	11
#122	Floxacillin:ab,ti	0
#123	Flucloxacillin:ab,ti	175
#124	Fosfomycin:ab,ti	238
#125	Framycetin:ab,ti	26
#126	"Fusidic Acid":ab,ti	171
#127	furazolidone:ab,ti	230
#128	Gatifloxacin:ab,ti	264
#129	Gatifloxacin:ab,ti	264
#130	Gentamicins:ab,ti	1



#131	Gramicidin:ab,ti	29
#132	"Hygromycin B":ab,ti	1
#133	Imipenem:ab,ti	601
#134	Josamycin:ab,ti	65
#135	Kanamycin:ab,ti	110
#136	Kitasamycin:ab,ti	1
#137	Lactams:ab,ti	170
#138	Lasalocid:ab,ti	1
#139	Leucomycins:ab,ti	0
#140	Levofloxacin:ab,ti	1 324
#141	Lincomycin:ab,ti	68
#142	Lincosamides:ab,ti	6
#143	Linezolid:ab,ti	428
#144	Lomefloxacin:ab,ti	152
#145	Lucensomycin:ab,ti	0
#146	Lymecycline:ab,ti	57
#147	Mafenide:ab,ti	12
#148	Mepartycin:ab,ti	26
#149	Meropenem:ab,ti	526
#150	Methacycline:ab,ti	15
#151	Methicillin:ab,ti	1 108
#152	Metronidazole:ab,ti	3 936
#153	Mezlocillin:ab,ti	197
#154	Mikamycin:ab,ti	0
#155	Minocycline:ab,ti	885
#156	Miocamycin:ab,ti	14
#157	Moxalactam:ab,ti	129



#158	Moxifloxacin:ab,ti	1 215
#159	Mupirocin:ab,ti	398
#160	Mycobacillin:ab,ti	0
#161	Nadifloxacin:ab,ti	35
#162	Nafcillin:ab,ti	37
#163	"Nalidixic Acid":ab,ti	112
#164	Natamycin:ab,ti	60
#165	Nebramycin:ab,ti	0
#166	Neomycin:ab,ti	419
#167	Netilmicin:ab,ti	246
#168	Netropsin:ab,ti	0
#169	Nigericin:ab,ti	1
#170	Nisin:ab,ti	1
#171	Nitrofurantoin:ab,ti	258
#172	Norfloxacin:ab,ti	478
#173	Novobiocin:ab,ti	16
#174	Nystatin:ab,ti	353
#175	Ofloxacin:ab,ti	935
#176	Oleandomycin:ab,ti	5
#177	Oligomycin?:ab,ti	4
#178	Oritavancin:ab,ti	33
#179	Oxacilllin:ab,ti	109
#180	"Oxolinic Acid":ab,ti	7
#181	Oxytetracycline:ab,ti	157
#182	Paromomycin:ab,ti	95
#183	Pefloxacin:ab,ti	159
#184	Pefloxacin:ab,ti	159



#185	"Penicillic Acid":ab,ti	0
#186	"Penicillin G":ab,ti	289
#187	"Penicillin V":ab,ti	270
#188	"Pipemicid Acid":ab,ti	58
#189	Piperacillin:ab,ti	772
#190	Pivampicillin:ab,ti	112
#191	"Polymyxin B":ab,ti	225
#192	Polymyxins:ab,ti	14
#193	Pristinamycin:ab,ti	35
#194	Prodigiosin:ab,ti	0
#195	Ribostamycin:ab,ti	5
#196	Rifabutin:ab,ti	203
#197	Rifamycin?:ab,ti	130
#198	Rifaximin:ab,ti	570
#199	Ristocetin:ab,ti	141
#200	Rolitetracycline:ab,ti	4
#201	Roxarsone:ab,ti	1
#202	Roxithromycin:ab,ti	252
#203	Rutamycin:ab,ti	0
#204	Sirolimus:ab,ti	2 435
#205	Sisomicin:ab,ti	58
#206	Spectinomycin:ab,ti	100
#207	Spiramycin:ab,ti	88
#208	"Streptogramin A":ab,ti	0
#209	"Streptogramin Group A":ab,ti	0
#210	"Streptogramin Group B":ab,ti	0
#211	Streptogramins:ab,ti	5



#212	Streptomycin:ab,ti	448
#213	Streptovaricin:ab,ti	0
#214	Sulbactam:ab,ti	450
#215	Sulbenicillin:ab,ti	6
#216	Sulfacetamide:ab,ti	27
#217	Sulfadiazine:ab,ti	350
#218	Sulfamerazine:ab,ti	1
#219	Sulfamethoxypyridazine:ab,ti	4
#220	Sulfanilamide:ab,ti	14
#221	Sulfasalazine:ab,ti	784
#222	Sulfisoxazole:ab,ti	54
#223	Sulfamethizole:ab,ti	18
#224	Talampicillin:ab,ti	17
#225	Tazobactam:ab,ti	509
#226	Teicoplanin:ab,ti	249
#227	telavancin:ab,ti	57
#228	Thiamphenicol:ab,ti	43
#229	Thienamycins:ab,ti	0
#230	Thiostrepton:ab,ti	1
#231	Ticarcillin:ab,ti	234
#232	Tigecycline:ab,ti	143
#233	Tinidazole:ab,ti	532
#234	Tinidazole:ab,ti	532
#235	Tobramycin:ab,ti	1 275
#236	torezolid:ab,ti	3
#237	tedizolid:ab,ti	55
#238	Trimethoprim:ab,ti	1 421



#239	Sulfamethoxazole:ab,ti	979
#240	Temocillin:ab,ti	22
#241	Troleandomycin:ab,ti	31
#242	Tunicamycin:ab,ti	5
#243	Tylosin:ab,ti	5
#244	Tyrocidine:ab,ti	0
#245	Tyrothricin:ab,ti	14
#246	Valinomycin:ab,ti	1
#247	Vancomycin:ab,ti	1 670
#248	"Vernamycin B":ab,ti	0
#249	Viomycin:ab,ti	3
#250	Virginiamycin:ab,ti	5
#251	amox-clav:ab,ti	9
#252	"amoxicillin-clavulanic acid":ab,ti	359
#253	augmentin:ab,ti	212
#254	brl-25000:ab,ti	3
#255	brl25000:ab,ti	5
#256	clavulin:ab,ti	3
#257	co-amoxiclav:ab,ti	153
#258	coamoxiclav:ab,ti	158
#259	spektramox:ab,ti	5
#260	synulox:ab,ti	0
#261	brl-14151:ab,ti	0
#262	brl14151:ab,ti	0
#263	mm-14151:ab,ti	0
#264	mm14151:ab,ti	0
#265	tazocel:ab,ti	0



#266	tazocillin:ab,ti	2
#267	tazocin:ab,ti	16
#268	zosyn:ab,ti	4
#269	betamaze:ab,ti	0
#270	cp-45899:ab,ti	0
#271	cp45899:ab,ti	0
#272	combactam:ab,ti	2
#273	ytr 830h:ab,ti	0
#274	ytr-830:ab,ti	0
#275	ytr830:ab,ti	0
#276	#39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275	39 928
#277	#15 or #23 or #38 or #276	63 720
#278	#14 and #277	246
#279	#278 with Cochrane Library publication date Between Jan 2017 and Dec 2019	126
Comments	4 SR and 125 RCT	

2.4.1.3 *Embase*

Date	7 October 2019	
Database	Embase.com	
Search strategy		
ID	Search	Results
#1	'tooth periapical disease'/exp	6 502
#2	'periodontitis'/exp	42 712
#3	'apical periodontitis'/exp	24
#4	#1 OR #2 OR #3	48 665
#5	(dental NEAR/5 abscess*):ab,ti,kw	853
#6	(peri\$apical NEAR/5 (abscess* OR infect* OR inflamm* OR peri\$dont* OR necro* OR suppurative)):ab,ti,kw	1 955
#7	(apical NEAR/5 (abscess* OR infect* OR inflamm* OR peri\$dont* OR necro* OR suppurative)):ab,ti,kw	2 979
#8	(dento\$alveolar NEAR/5 (abscess* OR infect* OR inflamm* OR peri\$dont* OR necro* OR suppurative)):ab,ti,kw	177
#9	(alveolar NEAR/5 (abscess* OR infect* OR inflamm* OR peri\$dont* OR necro* OR suppurative)):ab,ti,kw	8 656
#10	(peri\$radicular NEAR/5 (abscess* OR infect* OR inflamm* OR peri\$dont* OR necro* OR suppurative)):ab,ti,kw	241
#11	(radicular NEAR/5 (abscess* OR infect* OR inflamm* OR peri\$dont* OR necro* OR suppurative)):ab,ti,kw	283
#12	((suppurative OR ulcerative) NEAR/5 peri\$dontitis):ab,ti,kw	140
#13	((odontogenic OR peri\$dont* OR endodont* OR parodont*) NEAR/3 (abscess* OR necro* OR suppurative)):ab,ti,kw	1 245
#14	dental:ab,ti,kw AND ((pulp NEAR/3 (necro* OR gangrene OR autolysis)):ab,ti,kw)	458
#15	'pulp mummification':ab,ti,kw	7
#16	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15	15 662
#17	#4 OR #16	59 839
#18	'antiinfective agent'/exp	3 512 123
#19	antibiotic*:ab,ti,kw	438 505
#20	'anti biotic*':ab,ti,kw	310
#21	bacteriocid*:ab,ti,kw	710
#22	anti\$bacterial*:ab,ti,kw	97 543



#23	anti\$mycobacterial*:ab,ti,kw	4 688
#24	anti\$infect*:ab,ti,kw	1 583
#25	anti\$microbial*:ab,ti,kw	206 460
#26	#19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25	645 475
#27	aminoglycoside\$:ab,ti,kw,rn,tn	23 593
#28	ansamycin\$:ab,ti,kw,rn,tn	737
#29	("beta lactamase\$" OR 'b lactamase\$') NEAR/3 (antagonist\$ OR inhibitor\$):ab,ti,kw	1 173
#30	carbapenem\$:ab,ti,kw,rn,tn	16813
#31	penicillin\$:ab,ti,kw,rn,tn	64 919
#32	cephalosporin\$:ab,ti,kw,rn,tn	28 737
#33	lincosamide\$:ab,ti,kw,rn,tn	1 746
#34	macrolide\$:ab,ti,kw,rn,tn	21 094
#35	monobactam\$:ab,ti,kw,rn,tn	952
#36	nitrofuran\$:ab,ti,kw,rn,tn	1 532
#37	oxazolidinone\$:ab,ti,kw,rn,tn	3 142
#38	carboxypenicillin\$:ab,ti,kw,rn,tn	53
#39	sulfonamide\$:ab,ti,kw,rn,tn	17 153
#40	tetracycline\$:ab,ti,kw,rn,tn	41 702
#41	#27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40	188 033
#42	alamethicin:ab,ti,kw,rn,tn	846
#43	amikacin:ab,ti,kw,rn,tn	13 117
#44	amoxicillin:ab,ti,kw,rn,tn	21 644
#45	'amoxicillin potassium':ab,ti,kw,rn,tn	33
#46	'amphotericin b':ab,ti,kw,rn,tn	22 862
#47	ampicillin:ab,ti,kw,rn,tn	28 181
#48	anisomycin:ab,ti,kw,rn,tn	1 843
#49	'antimycin a':ab,ti,kw,rn,tn	2 691



#50	aurodox:ab,ti,kw,rn,tn	39
#51	azithromycin:ab,ti,kw,rn,tn	12 248
#52	aztreonam:ab,ti,kw,rn,tn	4 223
#53	bacitracin:ab,ti,kw,rn,tn	3 495
#54	bacteriocin\$:ab,ti,kw,rn,tn	6 094
#55	bambermycin\$:ab,ti,kw,mn,tn	39
#56	'bongrekic acid':ab,ti,kw,rn,tn	401
#57	'brefeldin a':ab,ti,kw,rn,tn	4 145
#58	butirosin:ab,ti,kw,rn,tn	136
#59	calcimycin:ab,ti,kw,rn,tn	234
#60	candididin:ab,ti,kw,rn,tn	168
#61	capreomycin:ab,ti,kw,rn,tn	726
#62	carbenicillin:ab,ti,kw,rn,tn	2 750
#63	carfecillin:ab,ti,kw,rn,tn	82
#64	cefaclor:ab,ti,kw,rn,tn	2 344
#65	cefadroxil:ab,ti,kw,rn,tn	926
#66	cefamandole:ab,ti,kw,rn,tn	1 542
#67	cefatrizine:ab,ti,kw,rn,tn	200
#68	cefazolin:ab,ti,kw,rn,tn	5 771
#69	cefdinir:ab,ti,kw,rn,tn	699
#70	cefpeme:ab,ti,kw,rn,tn	5 224
#71	cefixime:ab,ti,kw,rn,tn	2 598
#72	cefmenoxime:ab,ti,kw,mn,tn	610
#73	cefmetazole:ab,ti,kw,rn,tn	830
#74	cefonicid:ab,ti,kw,rn,tn	291
#75	cefoperazone:ab,ti,kw,rn,tn	3 706
#76	cefotaxime:ab,ti,kw,rn,tn	10 821



#77	cefotetan:ab,ti,kw,rn,tn	1 021
#78	cefotiam:ab,ti,kw,rn,tn	1 046
#79	cefoxitin:ab,ti,kw,rn,tn	5 363
#80	cefsulodin:ab,ti,kw,rn,tn	735
#81	ceftazidime:ab,ti,kw,rn,tn	12 138
#82	ceftibuten:ab,ti,kw,rn,tn	396
#83	ceftizoxime:ab,ti,kw,rn,tn	1 273
#84	ceftriaxone:ab,ti,kw,rn,tn	15 995
#85	cefuroxime:ab,ti,kw,rn,tn	6 009
#86	cephacetrile:ab,ti,kw,rn,tn	193
#87	cephalexin:ab,ti,kw,rn,tn	3 414
#88	cephaloglycin:ab,ti,kw,rn,tn	100
#89	cephaloridine:ab,ti,kw,rn,tn	1 409
#90	cephalothin:ab,ti,kw,rn,tn	3 354
#91	cephamycin\$:ab,ti,kw,rn,tn	903
#92	cephapirin:ab,ti,kw,rn,tn	404
#93	cephradine:ab,ti,kw,rn,tn	739
#94	chloramphenicol:ab,ti,kw,rn,tn	28 048
#95	chlortetracycline:ab,ti,kw,rn,tn	2 790
#96	ciprofloxacin:ab,ti,kw,rn,tn	34 214
#97	citrinin:ab,ti,kw,rn,tn	928
#98	clarithromycin:ab,ti,kw,rn,tn	13 283
#99	"clavulanic acid\$":ab,ti,kw,rn,tn	7 229
#100	clavulanate:ab,ti,kw,rn,tn	4 612
#101	clindamycin:ab,ti,kw,rn,tn	13 576
#102	cloxacillin:ab,ti,kw,rn,tn	2 145
#103	colistin:ab,ti,kw,rn,tn	7 783



#104	cyclacillin:ab,ti,kw,rn,tn	97
#105	dactinomycin:ab,ti,kw,rn,tn	1 089
#106	dalbavancin:ab,ti,kw,rn,tn	497
#107	daptomycin:ab,ti,kw,rn,tn	4 205
#108	demeclocycline:ab,ti,kw,rn,tn	391
#109	dibekacin:ab,ti,kw,rn,tn	431
#110	dicloxacillin:ab,ti,kw,rn,tn	840
#111	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#112	diketopiperazines:ab,ti,kw,rn,tn	636
#113	distamycins:ab,ti,kw,rn,tn	35
#114	doripenem:ab,ti,kw,rn,tn	986
#115	doxycycline:ab,ti,kw,rn,tn	18 895
#116	echinomycin:ab,ti,kw,rn,tn	315
#117	edaine:ab,ti,kw,rn,tn	120
#118	enoxacin:ab,ti,kw,rn,tn	1 289
#119	enrofloxacin:ab,ti,kw,rn,tn	2 813
#120	enviomycin:ab,ti,kw,rn,tn	54
#121	ertapenem:ab,ti,kw,rn,tn	2 406
#122	erythromycin:ab,ti,kw,rn,tn	24 886
#123	fidaxomicin:ab,ti,kw,rn,tn	688
#124	filipin:ab,ti,kw,rn,tn	1 542
#125	floxacillin:ab,ti,kw,rn,tn	15
#126	flucloxacillin:ab,ti,kw,rn,tn	1 402
#127	fosfomycin:ab,ti,kw,rn,tn	3 980
#128	framycetin:ab,ti,kw,rn,tn	220
#129	'fusidic acid':ab,ti,kw,rn,tn	2 160
#130	furazolidone:ab,ti,kw,rn,tn	1 621



#131	gatifloxacin:ab,ti,kw,rn,tn	2 146
#132	gatifloxacin:ab,ti,kw,rn,tn	2 146
#133	gentamicins:ab,ti,kw,rn,tn	88
#134	gramicidin:ab,ti,kw,rn,tn	3 671
#135	'hygromycin b':ab,ti,kw,rn,tn	952
#136	imipenem:ab,ti,kw,rn,tn	14 640
#137	josamycin:ab,ti,kw,rn,tn	870
#138	kanamycin:ab,ti,kw,rn,tn	9 751
#139	kitasamycin:ab,ti,kw,rn,tn	95
#140	lactams:ab,ti,kw,rn,tn	13 167
#141	lasalocid:ab,ti,kw,rn,tn	641
#142	leucomycins:ab,ti,kw,rn,tn	26
#143	levofloxacin:ab,ti,kw,rn,tn	11 728
#144	lincomycin:ab,ti,kw,rn,tn	2 678
#145	lincosamides:ab,ti,kw,rn,tn	812
#146	linezolid:ab,ti,kw,rn,tn	8 217
#147	lomefloxacin:ab,ti,kw,rn,tn	1 131
#148	lucensomycin:ab,ti,kw,rn,tn	31
#149	lymecycline:ab,ti,kw,rn,tn	157
#150	mafénide:ab,ti,kw,rn,tn	199
#151	meparticin:ab,ti,kw,rn,tn	137
#152	meropenem:ab,ti,kw,rn,tn	10 386
#153	methacycline:ab,ti,kw,rn,tn	211
#154	methicillin:ab,ti,kw,rn,tn	40 916
#155	metronidazole:ab,ti,kw,rn,tn	21 512
#156	mezlocillin:ab,ti,kw,rn,tn	1 215
#157	mikamycin:ab,ti,kw,rn,tn	43



#158	minocycline:ab,ti,kw,rn,tn	8 927
#159	miocamycin:ab,ti,kw,rn,tn	156
#160	moxalactam:ab,ti,kw,rn,tn	1 458
#161	moxifloxacin:ab,ti,kw,rn,tn	6 387
#162	mupirocin:ab,ti,kw,rn,tn	2 463
#163	mycobacillin:ab,ti,kw,rn,tn	61
#164	nadifloxacin:ab,ti,kw,rn,tn	135
#165	nafcillin:ab,ti,kw,rn,tn	873
#166	'nalidixic acid':ab,ti,kw,rn,tn	6 296
#167	natamycin:ab,ti,kw,rn,tn	731
#168	nebramycin:ab,ti,kw,rn,tn	40
#169	neomycin:ab,ti,kw,rn,tn	10 505
#170	netilmicin:ab,ti,kw,rn,tn	2 264
#171	netropsin:ab,ti,kw,rn,tn	651
#172	nigericin:ab,ti,kw,rn,tn	1 712
#173	nisin:ab,ti,kw,rn,tn	2 324
#174	nitrofurantoin:ab,ti,kw,rn,tn	4 703
#175	norfloxacin:ab,ti,kw,rn,tn	5 835
#176	novobiocin:ab,ti,kw,rn,tn	2 573
#177	nystatin:ab,ti,kw,rn,tn	4 505
#178	ofloxacin:ab,ti,kw,rn,tn	8 887
#179	oleandomycin:ab,ti,kw,rn,tn	790
#180	oligomycin\$:ab,ti,kw,rn,tn	3 837
#181	oritavancin:ab,ti,kw,rn,tn	430
#182	oxacillin:ab,ti,kw,rn,tn	5 675
#183	'oxolinic acid':ab,ti,kw,rn,tn	726
#184	oxytetracycline:ab,ti,kw,rn,tn	5 369



#185	paromomycin:ab,ti,kw,rn,tn	1 473
#186	pefloxacin:ab,ti,kw,rn,tn	1 612
#187	pefloxacin:ab,ti,kw,rn,tn	1 612
#188	'penicillic acid':ab,ti,kw,rn,tn	255
#189	'penicillin g':ab,ti,kw,rn,tn	7 535
#190	'penicillin v':ab,ti,kw,rn,tn	1 409
#191	'pipemidic acid':ab,ti,kw,rn,tn	628
#192	piperacillin:ab,ti,kw,rn,tn	10 681
#193	pivampicillin:ab,ti,kw,rn,tn	411
#194	'polymyxin b':ab,ti,kw,rn,tn	5 850
#195	polymyxins:ab,ti,kw,rn,tn	994
#196	pristinamycin:ab,ti,kw,rn,tn	591
#197	prodigiosin:ab,ti,kw,rn,tn	608
#198	ribostamycin:ab,ti,kw,rn,tn	192
#199	rifabutin:ab,ti,kw,rn,tn	1 585
#200	rifamycin\$:ab,ti,kw,rn,tn	2 344
#201	rifaximin:ab,ti,kw,rn,tn	2 255
#202	ristocetin:ab,ti,kw,rn,tn	4 122
#203	rolitetracycline:ab,ti,kw,rn,tn	129
#204	roxarsone:ab,ti,kw,rn,tn	229
#205	roxithromycin:ab,ti,kw,rn,tn	1 823
#206	rutamycin:ab,ti,kw,rn,tn	68
#207	sirolimus:ab,ti,kw,rn,tn	14 562
#208	sisomicin:ab,ti,kw,rn,tn	895
#209	spectinomycin:ab,ti,kw,rn,tn	2 408
#210	spiramycin:ab,ti,kw,rn,tn	1 453
#211	'streptogramin a':ab,ti,kw,rn,tn	113



#212	'streptogramin group a':ab,ti,kw,rn,tn	5
#213	'streptogramin group b':ab,ti,kw,rn,tn	4
#214	streptogramins:ab,ti,kw,rn,tn	384
#215	streptomycin:ab,ti,kw,rn,tn	23 415
#216	streptovaricin:ab,ti,kw,rn,tn	94
#217	sulbactam:ab,ti,kw,rn,tn	4 994
#218	sulbenicillin:ab,ti,kw,rn,tn	191
#219	sulfacetamide:ab,ti,kw,rn,tn	311
#220	sulfadiazine:ab,ti,kw,rn,tn	3 817
#221	sulfamerazine:ab,ti,kw,rn,tn	433
#222	sulfamethoxypyridazine:ab,ti,kw,rn,tn	335
#223	sulfanilamide:ab,ti,kw,rn,tn	1 296
#224	sulfosalazine:ab,ti,kw,rn,tn	5 328
#225	sulfisoxazole:ab,ti,kw,rn,tn	774
#226	sulfamethizole:ab,ti,kw,rn,tn	226
#227	talampicillin:ab,ti,kw,rn,tn	148
#228	tazobactam:ab,ti,kw,rn,tn	8 021
#229	teicoplanin:ab,ti,kw,rn,tn	4 893
#230	telavancin:ab,ti,kw,rn,tn	517
#231	thiamphenicol:ab,ti,kw,rn,tn	860
#232	thienamycins:ab,ti,kw,rn,tn	9
#233	thiostrepton:ab,ti,kw,rn,tn	601
#234	ticarcillin:ab,ti,kw,rn,tn	2 506
#235	tigecycline:ab,ti,kw,rn,tn	4 515
#236	tinidazole:ab,ti,kw,rn,tn	1 817
#237	tinidazole:ab,ti,kw,rn,tn	1 817
#238	tobramycin:ab,ti,kw,rn,tn	9 188



#239	torezolid:ab,ti,kw,rn,tn	41
#240	tedizolid:ab,ti,kw,rn,tn	354
#241	trimethoprim:ab,ti,kw,rn,tn	20 456
#242	sulfamethoxazole:ab,ti,kw,rn,tn	15 440
#243	temocillin:ab,ti,kw,rn,tn	366
#244	troleandomycin:ab,ti,kw,rn,tn	660
#245	tunicamycin:ab,ti,kw,rn,tn	5 958
#246	tylosin:ab,ti,kw,rn,tn	1 646
#247	tyrocidine:ab,ti,kw,rn,tn	193
#248	tyrothricin:ab,ti,kw,rn,tn	214
#249	valinomycin:ab,ti,kw,rn,tn	3 080
#250	vancomycin:ab,ti,kw,rn,tn	37 989
#251	vernamycin AND b:ab,ti,kw,rn,tn	23
#252	viomycin:ab,ti,kw,rn,tn	469
#253	virginiamycin:ab,ti,kw,rn,tn	591
#254	'amox clav':ab,ti,kw,rn,tn	30
#255	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 271
#256	augmentin:ab,ti,kw,rn,tn	3 895
#257	'brl 25000':ab,ti,kw,rn,tn	107
#258	brl25000:ab,ti,kw,rn,tn	80
#259	clavulin:ab,ti,kw,rn,tn	58
#260	'co amoxiclav':ab,ti,kw,rn,tn	943
#261	coamoxiclav:ab,ti,kw,rn,tn	177
#262	spektramox:ab,ti,kw,rn,tn	22
#263	synulox:ab,ti,kw,rn,tn	132
#264	'brl 14151':ab,ti,kw,rn,tn	20
#265	brl14151:ab,ti,kw,rn,tn	3



#266	'mm 14151':ab,ti,kw,rn,tn	2
#267	mm14151:ab,ti,kw,rn,tn	0
#268	tazocel:ab,ti,kw,rn,tn	8
#269	tazocillin:ab,ti,kw,rn,tn	27
#270	tazocin:ab,ti,kw,rn,tn	537
#271	zosyn:ab,ti,kw,rn,tn	610
#272	betamaze:ab,ti,kw,rn,tn	5
#273	'cp 45899':ab,ti,kw,rn,tn	76
#274	cp45899:ab,ti,kw,rn,tn	1
#275	combactam:ab,ti,kw,rn,tn	42
#276	'ytr 830h':ab,ti,kw,rn,tn	21
#277	'ytr 830':ab,ti,kw,rn,tn	44
#278	ytr830:ab,ti,kw,rn,tn	1
#279	#42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278	509 141
#280	#18 OR #26 OR #41 OR #279	3 724 627



#281	#17 AND #280	14 132
#282	#281 NOT [medline]/lim	3 278
#283	#282 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	1 983
#284	'meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review'	414 856
#285	#283 AND #284	60
#286	#285 AND [2000-2019]/py	60
#287	random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti)	1 710 160
#288	#283 AND #287	259
#289	#288 AND [2017-2019]/py	74
Comments	SR: line 286 RCT: line 289	



## 2.5 Replantation of avulsed permanent teeth

### 2.5.1 Systematic reviews, RCTs and other (primary) studies

#### 2.5.1.1 Ovid MEDLINE

Date	24 October 2019	Results
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to October 24, 2019>	
Search strategy		
1	Tooth Replantation/	1 987
2	Tooth Avulsion/	2 320
3	1 or 2	3 522
4	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 replant*).ab,kf.	786
5	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 reimplant*).ab,kf.	182
6	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 reinclu*).ab,kf.	3
7	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 avuls*).ab,kf.	959
8	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 dislocat*).ab,kf.	173
9	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 luxat*).ab,kf.	386
10	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 exarticulat*).ab,kf.	29
11	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 dislodg*).ab,kf.	90
12	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 sublux*).ab,kf.	78
13	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) adj6 knock*).ab,kf.	164
14	4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13	2 211
15	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and replant*).ti.	681
16	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and reimplant*).ti.	309
17	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and reinclu*).ti.	18
18	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and avuls*).ti.	540



19	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and dislocat*).ti.	65
20	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and luxat*).ti.	240
21	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and exarticulat*).ti.	12
22	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and dislodg*).ti.	18
23	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and sublux*).ti.	26
24	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and knock*).ti.	60
25	15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24	1 766
26	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and trauma*).ab,ti,kf.	9 526
27	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and injur*).ab,ti,kf.	11 680
28	26 or 27	18 029
29	(replant* or reimplant* or reinclu* or avuls* or dislocat* or luxat* or exarticulat* or dislodg* or sublux* or knock*).ab,ti,kf.	283 578
30	28 and 29	1 624
31	(dental or dentistry or orthodont* or oral or endodontic?).jw.	434 794
32	29 and 31	3 838
33	3 or 14 or 25 or 30 or 32	6 928
34	exp Anti-Bacterial Agents/	709 454
35	Antibiotic Prophylaxis/	13 375
36	34 or 35	716 588
37	antibiotic*.ab,ti,kf,jw.	344 104
38	anti-biotic*.ab,ti,kf,jw.	125
39	bacteriocid*.ab,ti,kf,jw.	578
40	anti?bacterial*.ab,ti,kf,jw.	71 112
41	anti?mycobacterial*.ab,ti,kf,jw.	3 695
42	anti?infect*.ab,ti,kf,jw.	2 615
43	anti?microbial*.ab,ti,kf,jw.	201 440
44	37 or 38 or 39 or 40 or 41 or 42 or 43	534 684
45	prophylaxis.ab,ti,kf,jw.	93 105



46	Aminoglycoside?.ab,ti,kf,nm.	23 534
47	Ansamycin?.ab,ti,kf,nm.	561
48	(("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?)).ab,ti,kf,jw.	2 878
49	Carbapenem?.ab,ti,kf,nm.	12 492
50	penicillin?.ab,ti,kf,nm.	77 287
51	Cephalosporin?.ab,ti,kf,nm.	31 757
52	Lincosamide?.ab,ti,kf,nm.	1 590
53	macrolide?.ab,ti,kf,nm.	22 895
54	Monobactam?.ab,ti,kf,nm.	930
55	Nitrofuran?.ab,ti,kf,nm.	2 549
56	Oxazolidinone?.ab,ti,kf,nm.	5 133
57	carboxypenicillin?.ab,ti,kf,nm.	45
58	sulfonamide?.ab,ti,kf,nm.	53 339
59	Tetracycline?.ab,ti,kf,nm.	45 304
60	46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59	242 357
61	Alamethicin.ab,ti,kf,nm.	838
62	Amikacin.ab,ti,kf,nm.	9 924
63	Amoxicillin.ab,ti,kf,nm.	19 427
64	Amoxicillin-Potassium.ab,ti,kf,nm.	2 522
65	Amphotericin B.ab,ti,kf,nm.	23 074
66	Ampicillin.ab,ti,kf,nm.	28 663
67	Anisomycin.ab,ti,kf,nm.	1 973
68	Antimycin A.ab,ti,kf,nm.	4 348
69	Aurodox.ab,ti,kf,nm.	35
70	Azithromycin.ab,ti,kf,nm.	8 756
71	Aztreonam.ab,ti,kf,nm.	3 250
72	Bacitracin.ab,ti,kf,nm.	4 168



73	Bacteriocin?.ab,ti,kf,nm.	8 058
74	Bambermycin?.ab,ti,kf,nm.	135
75	Bongrekic Acid.ab,ti,kf,nm.	456
76	Brefeldin A.ab,ti,kf,nm.	4 150
77	Butirosin.ab,ti,kf,nm.	151
78	Calcimycin.ab,ti,kf,nm.	11 931
79	Candidicin.ab,ti,kf,nm.	306
80	Capreomycin.ab,ti,kf,nm.	663
81	Carbenicillin.ab,ti,kf,nm.	3 291
82	Carfecillin.ab,ti,kf,nm.	37
83	Cefaclor.ab,ti,kf,nm.	1 774
84	Cefadroxil.ab,ti,kf,nm.	722
85	Cefamandole.ab,ti,kf,nm.	1 647
86	Cefatrizine.ab,ti,kf,nm.	117
87	Cefazolin.ab,ti,kf,nm.	5 168
88	Cefdinir.ab,ti,kf,nm.	428
89	Cefepime.ab,ti,kf,nm.	3 329
90	Cefixime.ab,ti,kf,nm.	1 716
91	Cefmenoxime.ab,ti,kf,nm.	521
92	Cefmetazole.ab,ti,kf,nm.	690
93	Cefonicid.ab,ti,kf,nm.	251
94	Cefoperazone.ab,ti,kf,nm.	2 692
95	Cefotaxime.ab,ti,kf,nm.	10 576
96	Cefotetan.ab,ti,kf,nm.	799
97	Cefotiam.ab,ti,kf,nm.	686
98	Cefoxitin.ab,ti,kf,nm.	4 578
99	Cefsulodin.ab,ti,kf,nm.	632



100	Ceftazidime.ab,ti,kf,nm.	9 405
101	Ceftibuten.ab,ti,kf,nm.	318
102	Ceftizoxime.ab,ti,kf,nm.	1 580
103	Ceftriaxone.ab,ti,kf,nm.	12 124
104	Cefuroxime.ab,ti,kf,nm.	4 808
105	Cephacetrile.ab,ti,kf,nm.	163
106	Cephalexin.ab,ti,kf,nm.	3 518
107	Cephaloglycin.ab,ti,kf,nm.	131
108	Cephaloridine.ab,ti,kf,nm.	2 068
109	Cephalothin.ab,ti,kf,nm.	4 432
110	Cephamycin?.ab,ti,kf,nm.	1 678
111	Cephapirin.ab,ti,kf,nm.	615
112	Cephradine.ab,ti,kf,nm.	873
113	Chloramphenicol.ab,ti,kf,nm.	40 250
114	Chlortetracycline.ab,ti,kf,nm.	6 569
115	Ciprofloxacin.ab,ti,kf,nm.	27 421
116	Citrinin.ab,ti,kf,nm.	862
117	Clarithromycin.ab,ti,kf,nm.	10 306
118	Clavulanic Acid?.ab,ti,kf,nm.	6 274
119	clavulanate.ab,ti,kf,nm.	5 091
120	Clindamycin.ab,ti,kf,nm.	11 906
121	Cloxacillin.ab,ti,kf,nm.	2 667
122	Colistin.ab,ti,kf,nm.	7 133
123	Cyclacillin.ab,ti,kf,nm.	110
124	Dactinomycin.ab,ti,kf,nm.	19 119
125	dalbavancin.ab,ti,kf,nm.	411
126	Daptomycin.ab,ti,kf,nm.	3 117



127	Demeclocycline.ab,ti,kf,nm.	1 016
128	Dibekacin.ab,ti,kf,nm.	630
129	Dicloxacillin.ab,ti,kf,nm.	907
130	Dihydrostreptomycin.ab,ti,kf,nm.	1 564
131	Diketopiperazines.ab,ti,kf,nm.	900
132	Distamycins.ab,ti,kf,nm.	779
133	Doripenem.ab,ti,kf,nm.	646
134	Doxycycline.ab,ti,kf,nm.	16 378
135	Echinomycin.ab,ti,kf,nm.	332
136	Edeine.ab,ti,kf,nm.	144
137	Enoxacin.ab,ti,kf,nm.	1 128
138	Enrofloxacin.ab,ti,kf,nm.	2 542
139	Enviomycin.ab,ti,kf,nm.	75
140	Ertapenem.ab,ti,kf,nm.	1 542
141	Erythromycin.ab,ti,kf,nm.	25 703
142	Fidaxomicin.ab,ti,kf,nm.	486
143	Filipin.ab,ti,kf,nm.	1 439
144	Floxacillin.ab,ti,kf,nm.	736
145	Flucloxacillin.ab,ti,kf,nm.	840
146	Fosfomycin.ab,ti,kf,nm.	3 256
147	Framycetin.ab,ti,kf,nm.	562
148	Fusidic Acid.ab,ti,kf,nm.	2 478
149	furazolidone.ab,ti,kf,nm.	1 821
150	Gatifloxacin.ab,ti,kf,nm.	1 718
151	Gatifloxacin.ab,ti,kf,nm.	1 718
152	Gentamicins.ab,ti,kf,nm.	18 090
153	Gramicidin.ab,ti,kf,nm.	4 065



154	Hygromycin.B.ab,ti,kf,nm.	1 510
155	Imipenem.ab,ti,kf,nm.	10 745
156	Josamycin.ab,ti,kf,nm.	720
157	Kanamycin.ab,ti,kf,nm.	13 750
158	Kitasamycin.ab,ti,kf,nm.	127
159	Lactams.ab,ti,kf,nm.	19 608
160	Lasalocid.ab,ti,kf,nm.	914
161	Leucomycins.ab,ti,kf,nm.	1 851
162	Levofloxacin.ab,ti,kf,nm.	7 544
163	Lincomycin.ab,ti,kf,nm.	3 366
164	Lincosamides.ab,ti,kf,nm.	967
165	Linezolid.ab,ti,kf,nm.	5 827
166	Lomefloxacin.ab,ti,kf,nm.	906
167	Lucensomycin.ab,ti,kf,nm.	41
168	Lymecycline.ab,ti,kf,nm.	170
169	Mafenide.ab,ti,kf,nm.	270
170	Mepartricin.ab,ti,kf,nm.	104
171	Meropenem.ab,ti,kf,nm.	6 644
172	Methacycline.ab,ti,kf,nm.	414
173	Methicillin.ab,ti,kf,nm.	33 271
174	Metronidazole.ab,ti,kf,nm.	19 281
175	Mezlocillin.ab,ti,kf,nm.	1 037
176	Mikamycin.ab,ti,kf,nm.	46
177	Minocycline.ab,ti,kf,nm.	8 654
178	Miocamycin.ab,ti,kf,nm.	311
179	Moxalactam.ab,ti,kf,nm.	1 530
180	Moxifloxacin.ab,ti,kf,nm.	4 726



181	Mupirocin.ab,ti,kf,nm.	1 988
182	Mycobacillin.ab,ti,kf,nm.	59
183	Nadifloxacin.ab,ti,kf,nm.	96
184	Nafcillin.ab,ti,kf,nm.	965
185	Nalidixic Acid.ab,ti,kf,nm.	6 637
186	Natamycin.ab,ti,kf,nm.	1 025
187	Nebramycin.ab,ti,kf,nm.	169
188	Neomycin.ab,ti,kf,nm.	13 245
189	Netilmicin.ab,ti,kf,nm.	1 939
190	Netropsin.ab,ti,kf,nm.	750
191	Nigericin.ab,ti,kf,nm.	2 124
192	Nisin.ab,ti,kf,nm.	2 270
193	Nitrofurantoin.ab,ti,kf,nm.	4 514
194	Norfloxacin.ab,ti,kf,nm.	4 949
195	Novobiocin.ab,ti,kf,nm.	3 279
196	Nystatin.ab,ti,kf,nm.	5 116
197	Ofloxacin.ab,ti,kf,nm.	9 490
198	Oleandomycin.ab,ti,kf,nm.	1 304
199	Oligomycin?.ab,ti,kf,nm.	5 059
200	Oritavancin.ab,ti,kf,nm.	378
201	Oxacillin.ab,ti,kf,nm.	5 491
202	Oxolinic Acid.ab,ti,kf,nm.	719
203	Oxytetracycline.ab,ti,kf,nm.	8 341
204	Paromomycin.ab,ti,kf,nm.	1 868
205	Pefloxacin.ab,ti,kf,nm.	1 412
206	Pefloxacin.ab,ti,kf,nm.	1 412
207	Penicillic Acid.ab,ti,kf,nm.	267



208	Penicillin G.ab,ti,kf,nm.	15 160
209	Penicillin V.ab,ti,kf,nm.	2 674
210	Pipemidic Acid.ab,ti,kf,nm.	445
211	Piperacillin.ab,ti,kf,nm.	7 177
212	Pivampicillin.ab,ti,kf,nm.	331
213	Polymyxin B.ab,ti,kf,nm.	5 928
214	Polymyxins.ab,ti,kf,nm.	3 469
215	Pristinamycin.ab,ti,kf,nm.	499
216	Prodigiosin.ab,ti,kf,nm.	788
217	Ribostamycin.ab,ti,kf,nm.	189
218	Rifabutin.ab,ti,kf,nm.	2 486
219	Rifamycin?.ab,ti,kf,nm.	3 119
220	Rifaximin.ab,ti,kf,nm.	1 273
221	Ristocetin.ab,ti,kf,nm.	3 162
222	Rolitetracycline.ab,ti,kf,nm.	397
223	Roxarsone.ab,ti,kf,nm.	242
224	Roxithromycin.ab,ti,kf,nm.	1 478
225	Rutamycin.ab,ti,kf,nm.	82
226	Sirolimus.ab,ti,kf,nm.	20 116
227	Sisomicin.ab,ti,kf,nm.	805
228	Spectinomycin.ab,ti,kf,nm.	2 650
229	Spiramycin.ab,ti,kf,nm.	1 505
230	Streptogramin A.ab,ti,kf,nm.	135
231	Streptogramin Group A.ab,ti,kf,nm.	9
232	Streptogramin Group B.ab,ti,kf,nm.	26
233	Streptogramins.ab,ti,kf,nm.	389
234	Streptomycin.ab,ti,kf,nm.	30 945



235	Streptovaricin.ab,ti,kf,nm.	155
236	Sulbactam.ab,ti,kf,nm.	3 534
237	Sulbenicillin.ab,ti,kf,nm.	174
238	Sulfacetamide.ab,ti,kf,nm.	473
239	Sulfadiazine.ab,ti,kf,nm.	5 185
240	Sulfamerazine.ab,ti,kf,nm.	689
241	Sulfamethoxypyridazine.ab,ti,kf,nm.	753
242	Sulfanilamide.ab,ti,kf,nm.	7 120
243	Sulfasalazine.ab,ti,kf,nm.	5 682
244	Sulfisoxazole.ab,ti,kf,nm.	1 323
245	Sulfamethizole.ab,ti,kf,nm.	418
246	Talampicillin.ab,ti,kf,nm.	104
247	Tazobactam.ab,ti,kf,nm.	4 865
248	Teicoplanin.ab,ti,kf,nm.	3 978
249	telavancin.ab,ti,kf,nm.	404
250	Thiamphenicol.ab,ti,kf,nm.	1 158
251	Thienamycins.ab,ti,kf,nm.	3 579
252	Thiostrepton.ab,ti,kf,nm.	569
253	Ticarcillin.ab,ti,kf,nm.	2 142
254	Tigecycline.ab,ti,kf,nm.	3 146
255	Tinidazole.ab,ti,kf,nm.	1 425
256	Tinidazole.ab,ti,kf,nm.	1 425
257	Tobramycin.ab,ti,kf,nm.	7 646
258	torezolid.ab,ti,kf,nm.	23
259	tedizolid.ab,ti,kf,nm.	291
260	Trimethoprim.ab,ti,kf,nm.	21 642
261	Sulfamethoxazole.ab,ti,kf,nm.	18 164



262	Temocillin.ab,ti,kf,nm.	290
263	Troleandomycin.ab,ti,kf,nm.	887
264	Tunicamycin.ab,ti,kf,nm.	5 827
265	Tylosin.ab,ti,kf,nm.	1 860
266	Tyrocidine.ab,ti,kf,nm.	224
267	Tyrothricin.ab,ti,kf,nm.	797
268	Valinomycin.ab,ti,kf,nm.	4 309
269	Vancomycin.ab,ti,kf,nm.	29 204
270	Vernamycin B.ab,ti,kf,nm.	17
271	Viomycin.ab,ti,kf,nm.	805
272	Virginiamycin.ab,ti,kf,nm.	1 443
273	amox-clav.ab,ti,kf,nm.	14
274	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 299
275	augmentin.ab,ti,kf,nm.	605
276	brl-25000.ab,ti,kf,nm.	31
277	brl25000.ab,ti,kf,nm.	1
278	clavulin.ab,ti,kf,nm.	4
279	co-amoxiclav.ab,ti,kf,nm.	528
280	coamoxiclav.ab,ti,kf,nm.	36
281	spektramox.ab,ti,kf,nm.	6
282	synulox.ab,ti,kf,nm.	5
283	brl-14151.ab,ti,kf,nm.	2
284	brl14151.ab,ti,kf,nm.	0
285	mm-14151.ab,ti,kf,nm.	0
286	mm14151.ab,ti,kf,nm.	0
287	tazocel.ab,ti,kf,nm.	1
288	tazocillin.ab,ti,kf,nm.	9



289	tazocin.ab,ti,kf,nm.	58
290	zosyn.ab,ti,kf,nm.	28
291	betamaze.ab,ti,kf,nm.	0
292	cp-45899.ab,ti,kf,nm.	10
293	cp45899.ab,ti,kf,nm.	0
294	combactam.ab,ti,kf,nm.	3
295	ytr 830h.ab,ti,kf,nm.	9
296	ytr-830.ab,ti,kf,nm.	28
297	ytr830.ab,ti,kf,nm.	0
298	61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273 or 274 or 275 or 276 or 277 or 278 or 279 or 280 or 281 or 282 or 283 or 284 or 285 or 286 or 287 or 288 or 289 or 290 or 291 or 292 or 293 or 294 or 295 or 296 or 297	552 486
299	36 or 44 or 45 or 60 or 298	1 194 320
300	33 and 299	238
301	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ((('evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and (((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri*) or 'exclusion criteri*' or 'main	371 368



outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview\* or review or reviews or search\* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy\* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.))) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

302	300 and 301	8
303	randomized controlled trial.pt.	493 076
304	controlled clinical trial.pt.	93 392
305	randomized.ti,ab.	495 038
306	placebo.ti,ab.	207 815
307	clinical trials as topic/	188 918
308	randomly.ti,ab.	321 305
309	trial?.ti.	275 918
310	303 or 304 or 305 or 306 or 307 or 308 or 309	1 279 067
311	exp animal/ not humans/	4 636 899
312	310 not 311	1 177 497
313	300 and 312	16
314	313 not 302	16
315	300 not (302 or 313)	214
316	limit 315 to yr="2000-2019"	151
317	limit 315 to yr="2018-2019"	11
<b>Comments</b>		

2.5.1.2 *Cochrane*

Date	28 October 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
<b>ID</b>	<b>Search</b>	
#1	[mh ^"Tooth Replantation"]	18
#2	[mh ^"Tooth Avulsion"]	23
#3	#1 or #2	30
#4	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 replant*):ab,kw	30
#5	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 reimplant*):ab,kw	5
#6	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 reinclu*):ab,kw	0
#7	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 avuls*):ab,kw	47
#8	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 dislocat*):ab,kw	16
#9	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 luxat*):ab,kw	10
#10	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 exarticulat*):ab,kw	0
#11	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 dislodg*):ab,kw	8
#12	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 sublux*):ab,kw	3
#13	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) NEAR/6 knock*):ab,kw	4
#14	#4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13	87
#15	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and replant*):ti	13
#16	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and reimplant*):ti	4
#17	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and reinclu*):ti	0
#18	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and avuls*):ti	19
#19	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and dislocat*):ti	1
#20	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and luxat*):ti	1
#21	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and exarticulat*):ti	0
#22	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and dislodg*):ti	2



#23	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and sublux*):ti	0
#24	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and knock*):ti	1
#25	#15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24	32
#26	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and trauma*):ab,ti,kw	705
#27	((tooth or teeth or dental or canine? or cuspid? or molar? or bicuspid? or premolar? or incisor?) and injur*):ab,ti,kw	919
#28	#26 or #27	1 400
#29	(replant* or reimplant* or reinclu* or avuls* or dislocat* or luxat* or exarticulat* or dislodg* or sublux* or knock*):ab,ti,kw	4 198
#30	#28 and #29	58
#31	(dental or dentistry or orthodont* or oral or endodontic?):so	25 536
#32	#29 and #31	180
#33	#3 or #14 or #25 or #30 or #32	246
#34	[mh "Anti-Bacterial Agents"]	11 382
#35	antibiotic*:ab,ti,kw,so	30 069
#36	anti-biotic*:ab,ti,kw,so	30 067
#37	bacteriocid*:ab,ti,kw,so	26
#38	anti?bacterial*:ab,ti,kw,so	12 621
#39	anti?mycobacterial*:ab,ti,kw,so	95
#40	anti?infect*:ab,ti,kw,so	6 222
#41	anti?microbial*:ab,ti,kw,so	10 448
#42	#35 or #36 or #37 or #38 or #39 or #40 or #41	45 175
#43	Aminoglycoside?:ab,ti	765
#44	Ansamycin?:ab,ti	11
#45	(("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?)):ab,ti,kw,so	1 479
#46	Carbapenem?:ab,ti	449
#47	penicillin?:ab,ti	2 294
#48	Cephalosporin?:ab,ti	1 352
#49	Lincosamide?:ab,ti	13



#50	macrolide?:ab,ti	973
#51	Monobactam?:ab,ti	27
#52	Nitrofuran?:ab,ti	12
#53	Oxazolidinone?:ab,ti	89
#54	carboxy penicillin?:ab,ti	3
#55	sulfonamide?:ab,ti	176
#56	Tetracycline?:ab,ti	1 791
#57	#43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56	8 592
#58	Alamethicin:ab,ti	1
#59	Amikacin:ab,ti	767
#60	Amoxicillin:ab,ti	4 097
#61	Amoxicillin-Potassium:ab,ti	10
#62	Amphotericin B:ab,ti	1 003
#63	Ampicillin:ab,ti	1 449
#64	Anisomycin:ab,ti	0
#65	Antimycin A:ab,ti	8
#66	Aurodox:ab,ti	0
#67	Azithromycin:ab,ti	2 250
#68	Aztreonam:ab,ti	340
#69	Bacitracin:ab,ti	145
#70	Bacteriocin?:ab,ti	29
#71	Bambermycin?:ab,ti	0
#72	Bongrekic Acid:ab,ti	0
#73	Brefeldin A:ab,ti	11
#74	Butirosin:ab,ti	0
#75	Calcimycin:ab,ti	4
#76	Candididin:ab,ti	7



#77	Capreomycin:ab,ti	19
#78	Carbenicillin:ab,ti	133
#79	Carfecillin:ab,ti	2
#80	Cefaclor:ab,ti	435
#81	Cefadroxil:ab,ti	171
#82	Cefamandole:ab,ti	234
#83	Cefatrizine:ab,ti	21
#84	Cefazolin:ab,ti	821
#85	Cefdinir:ab,ti	104
#86	Cefepime:ab,ti	283
#87	Cefixime:ab,ti	321
#88	Cefmenoxime:ab,ti	31
#89	Cefmetazole:ab,ti	76
#90	Cefonicid:ab,ti	66
#91	Cefoperazone:ab,ti	249
#92	Cefotaxime:ab,ti	701
#93	Cefotetan:ab,ti	170
#94	Cefotiam:ab,ti	117
#95	Cefoxitin:ab,ti	438
#96	Cefsulodin:ab,ti	12
#97	Ceftazidime:ab,ti	927
#98	Ceftibuten:ab,ti	79
#99	Ceftizoxime:ab,ti	136
#100	Ceftriaxone:ab,ti	1 354
#101	Cefuroxime:ab,ti	832
#102	Cephacetrile:ab,ti	9
#103	Cephalexin:ab,ti	388



#104	Cephaloglycin:ab,ti	12
#105	Cephaloridine:ab,ti	72
#106	Cephalothin:ab,ti	179
#107	Cephamycin?:ab,ti	27
#108	Cephapirin:ab,ti	21
#109	Cephradine:ab,ti	113
#110	Chloramphenicol:ab,ti	467
#111	Chlortetracycline:ab,ti	29
#112	Ciprofloxacin:ab,ti	2 296
#113	Citrinin:ab,ti	0
#114	Clarithromycin:ab,ti	2 811
#115	Clavulanic Acid?:ab,ti	727
#116	clavulanate:ab,ti	710
#117	Clindamycin:ab,ti	1 524
#118	Cloxacillin:ab,ti	152
#119	Colistin:ab,ti	330
#120	Cyclacillin:ab,ti	14
#121	Dactinomycin:ab,ti	119
#122	dalbavancin:ab,ti	44
#123	Daptomycin:ab,ti	159
#124	Demeclocycline:ab,ti	22
#125	Dibekacin:ab,ti	8
#126	Dicloxacillin:ab,ti	72
#127	Dihydrostreptomycin:ab,ti	3
#128	Diketopiperazines:ab,ti	3
#129	Distamycins:ab,ti	0
#130	Doripenem:ab,ti	84



#131	Doxycycline:ab,ti	1 766
#132	Echinomycin:ab,ti	1
#133	Edeine:ab,ti	0
#134	Enoxacin:ab,ti	105
#135	Enrofloxacin:ab,ti	11
#136	Enviomycin:ab,ti	0
#137	Ertapenem:ab,ti	160
#138	Erythromycin:ab,ti	1 743
#139	Fidaxomicin:ab,ti	106
#140	Filipin:ab,ti	11
#141	Floxacillin:ab,ti	0
#142	Flucloxacillin:ab,ti	175
#143	Fosfomycin:ab,ti	238
#144	Framycetin:ab,ti	26
#145	Fusidic Acid:ab,ti	176
#146	furazolidone:ab,ti	230
#147	Gatifloxacin:ab,ti	264
#148	Gatifloxacin:ab,ti	264
#149	Gentamicins:ab,ti	1
#150	Gramicidin:ab,ti	29
#151	Hygromycin B:ab,ti	2
#152	Imipenem:ab,ti	601
#153	Josamycin:ab,ti	65
#154	Kanamycin:ab,ti	110
#155	Kitasamycin:ab,ti	1
#156	Lactams:ab,ti	170
#157	Lasalocid:ab,ti	1



#158	Leucomycins:ab,ti	0
#159	Levofloxacin:ab,ti	1 324
#160	Lincomycin:ab,ti	68
#161	Lincosamides:ab,ti	6
#162	Linezolid:ab,ti	428
#163	Lomefloxacin:ab,ti	152
#164	Lucensomycin:ab,ti	0
#165	Lymecycline:ab,ti	57
#166	Mafenide:ab,ti	12
#167	Mepartricin:ab,ti	26
#168	Meropenem:ab,ti	526
#169	Methacycline:ab,ti	15
#170	Methicillin:ab,ti	1 108
#171	Metronidazole:ab,ti	3 936
#172	Mezlocillin:ab,ti	197
#173	Mikamycin:ab,ti	0
#174	Minocycline:ab,ti	885
#175	Miocamycin:ab,ti	14
#176	Moxalactam:ab,ti	129
#177	Moxifloxacin:ab,ti	1 215
#178	Mupirocin:ab,ti	398
#179	Mycobacillin:ab,ti	0
#180	Nadifloxacin:ab,ti	35
#181	Nafcillin:ab,ti	37
#182	Nalidixic Acid:ab,ti	117
#183	Natamycin:ab,ti	60
#184	Nebramycin:ab,ti	0



#185	Neomycin:ab,ti	419
#186	Netilmicin:ab,ti	246
#187	Netropsin:ab,ti	0
#188	Nigericin:ab,ti	1
#189	Nisin:ab,ti	1
#190	Nitrofurantoin:ab,ti	258
#191	Norfloxacin:ab,ti	478
#192	Novobiocin:ab,ti	16
#193	Nystatin:ab,ti	353
#194	Ofloxacin:ab,ti	935
#195	Oleandomycin:ab,ti	5
#196	Oligomycin?:ab,ti	4
#197	Oritavancin:ab,ti	33
#198	Oxacillin:ab,ti	109
#199	Oxolinic Acid:ab,ti	7
#200	Oxytetracycline:ab,ti	157
#201	Paromomycin:ab,ti	95
#202	Pefloxacin:ab,ti	159
#203	Pefloxacin:ab,ti	159
#204	Penicillic Acid:ab,ti	0
#205	Penicillin G:ab,ti	580
#206	Penicillin V:ab,ti	401
#207	Pipemidic Acid:ab,ti	58
#208	Piperacillin:ab,ti	772
#209	Pivampicillin:ab,ti	112
#210	Polymyxin B:ab,ti	285
#211	Polymyxins:ab,ti	14



#212	Pristinamycin:ab,ti	35
#213	Prodigiosin:ab,ti	0
#214	Ribostamycin:ab,ti	5
#215	Rifabutin:ab,ti	203
#216	Rifamycin?:ab,ti	130
#217	Rifaximin:ab,ti	570
#218	Ristocetin:ab,ti	141
#219	Rolitetracycline:ab,ti	4
#220	Roxarsone:ab,ti	1
#221	Roxithromycin:ab,ti	252
#222	Rutamycin:ab,ti	0
#223	Sirolimus:ab,ti	2 435
#224	Sisomicin:ab,ti	58
#225	Spectinomycin:ab,ti	100
#226	Spiramycin:ab,ti	88
#227	Streptogramin A:ab,ti	12
#228	Streptogramin Group A:ab,ti	7
#229	Streptogramin Group B:ab,ti	1
#230	Streptogramins:ab,ti	5
#231	Streptomycin:ab,ti	448
#232	Streptovaricin:ab,ti	0
#233	Sulbactam:ab,ti	450
#234	Sulbenicillin:ab,ti	6
#235	Sulfacetamide:ab,ti	27
#236	Sulfadiazine:ab,ti	350
#237	Sulfamerazine:ab,ti	1
#238	Sulfamethoxypyridazine:ab,ti	4



#239	Sulfanilamide:ab,ti	14
#240	Sulfasalazine:ab,ti	784
#241	Sulfisoxazole:ab,ti	54
#242	Sulfamethizole:ab,ti	18
#243	Talampicillin:ab,ti	17
#244	Tazobactam:ab,ti	509
#245	Teicoplanin:ab,ti	249
#246	telavancin:ab,ti	57
#247	Thiamphenicol:ab,ti	43
#248	Thienamycins:ab,ti	0
#249	Thiostrepton:ab,ti	1
#250	Ticarcillin:ab,ti	234
#251	Tigecycline:ab,ti	143
#252	Tinidazole:ab,ti	532
#253	Tinidazole:ab,ti	532
#254	Tobramycin:ab,ti	1 275
#255	torezolid:ab,ti	3
#256	tedizolid:ab,ti	55
#257	Trimethoprim:ab,ti	1 421
#258	Sulfamethoxazole:ab,ti	979
#259	Temocillin:ab,ti	22
#260	Troleandomycin:ab,ti	31
#261	Tunicamycin:ab,ti	5
#262	Tylosin:ab,ti	5
#263	Tyrocidine:ab,ti	0
#264	Tyrothricin:ab,ti	14
#265	Valinomycin:ab,ti	1



#266	Vancomycin:ab,ti	1 670
#267	Vernamycin B:ab,ti	0
#268	Viomycin:ab,ti	3
#269	Virginiamycin:ab,ti	5
#270	amox-clav:ab,ti	9
#271	amoxicillin-clavulanic acid:ab,ti	374
#272	augmentin:ab,ti	212
#273	bri-25000:ab,ti	3
#274	bri25000:ab,ti	5
#275	clavulin:ab,ti	3
#276	co-amoxiclav:ab,ti	153
#277	coamoxiclav:ab,ti	158
#278	spektramox:ab,ti	5
#279	synulox:ab,ti	0
#280	bri-14151:ab,ti	0
#281	bri14151:ab,ti	0
#282	mm-14151:ab,ti	0
#283	mm14151:ab,ti	0
#284	tazocel:ab,ti	0
#285	tazocillin:ab,ti	2
#286	tazocin:ab,ti	16
#287	zosyn:ab,ti	4
#288	betamaze:ab,ti	0
#289	cp-45899:ab,ti	0
#290	cp45899:ab,ti	0
#291	combactam:ab,ti	2
#292	ytr 830h:ab,ti	0



#293	ytr-830:ab,ti	0
#294	ytr830:ab,ti	0
#295	#58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80 or #81 or #82 or #83 or #84 or #85 or #86 or #87 or #88 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 or #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120 or #121 or #122 or #123 or #124 or #125 or #126 or #127 or #128 or #129 or #130 or #131 or #132 or #133 or #134 or #135 or #136 or #137 or #138 or #139 or #140 or #141 or #142 or #143 or #144 or #145 or #146 or #147 or #148 or #149 or #150 or #151 or #152 or #153 or #154 or #155 or #156 or #157 or #158 or #159 or #160 or #161 or #162 or #163 or #164 or #165 or #166 or #167 or #168 or #169 or #170 or #171 or #172 or #173 or #174 or #175 or #176 or #177 or #178 or #179 or #180 or #181 or #182 or #183 or #184 or #185 or #186 or #187 or #188 or #189 or #190 or #191 or #192 or #193 or #194 or #195 or #196 or #197 or #198 or #199 or #200 or #201 or #202 or #203 or #204 or #205 or #206 or #207 or #208 or #209 or #210 or #211 or #212 or #213 or #214 or #215 or #216 or #217 or #218 or #219 or #220 or #221 or #222 or #223 or #224 or #225 or #226 or #227 or #228 or #229 or #230 or #231 or #232 or #233 or #234 or #235 or #236 or #237 or #238 or #239 or #240 or #241 or #242 or #243 or #244 or #245 or #246 or #247 or #248 or #249 or #250 or #251 or #252 or #253 or #254 or #255 or #256 or #257 or #258 or #259 or #260 or #261 or #262 or #263 or #264 or #265 or #266 or #267 or #268 or #269 or #270 or #271 or #272 or #273 or #274 or #275 or #276 or #277 or #278 or #279 or #280 or #281 or #282 or #283 or #284 or #285 or #286 or #287 or #288 or #289 or #290 or #291 or #292 or #293 or #294	40 049
#296	#34 or #42 or #57 or #295	68 859
#297	#33 AND #296	10
<b>Comments</b>		

2.5.1.3 *Embase*

Date	27 October 2019	
Database	Embase.com	
Search strategy		
ID	Search	Results
#1	'tooth replantation'/exp OR 'tooth replantation'	337
#2	'tooth injury'/de	6 207
#3	replant*:ab,ti,kw OR reimplant*:ab,ti,kw OR reinclu*:ab,ti,kw OR avuls*:ab,ti,kw OR dislocat*:ab,ti,kw OR luxat*:ab,ti,kw OR exarticulat*:ab,ti,kw OR dislodg*:ab,ti,kw OR sublux*:ab,ti,kw OR knock*:ab,ti,kw	387 039
#4	#2 AND #3	1 670
#5	#1 OR #4	1 864
#6	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 replant*):ab,kw	724
#7	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 reimplant*):ab,kw	173
#8	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 reinclu*):ab,kw	6
#9	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 avuls*):ab,kw	949
#10	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 dislocat*):ab,kw	195
#11	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 luxat*):ab,kw	418
#12	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 exarticulat*):ab,kw	31
#13	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 dislodg*):ab,kw	99
#14	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 sublux*):ab,kw	87



#15	((tooth OR teeth OR dental OR canine\$ OR cuspid\$ OR molar\$ OR bicuspid\$ OR premolar\$ OR incisor\$) NEAR/6 knock*):ab,kw	229
#16	#6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15	2 270
#17	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND replant*:ti	699
#18	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND reimplant*:ti	369
#19	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND reinclu*:ti	21
#20	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND avuls*:ti	550
#21	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND dislocat*:ti	105
#22	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND luxat*:ti	302
#23	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND exarticulat*:ti	13
#24	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND dislodg*:ti	32
#25	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND sublux*:ti	45
#26	(tooth:ti OR teeth:ti OR dental:ti OR canine\$::ti OR cuspid\$::ti OR molar\$::ti OR bicuspid\$::ti OR premolar\$::ti OR incisor\$::ti) AND knock*:ti	142
#27	#17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26	1 747
#28	(tooth:ab,ti,kw OR teeth:ab,ti,kw OR dental:ab,ti,kw OR canine\$::ab,ti,kw OR cuspid\$::ab,ti,kw OR molar\$::ab,ti,kw OR bicuspid\$::ab,ti,kw OR premolar\$::ab,ti,kw OR incisor\$::ab,ti,kw) AND trauma*:ab,ti,kw	10 866
#29	(tooth:ab,ti,kw OR teeth:ab,ti,kw OR dental:ab,ti,kw OR canine\$::ab,ti,kw OR cuspid\$::ab,ti,kw OR molar\$::ab,ti,kw OR bicuspid\$::ab,ti,kw OR premolar\$::ab,ti,kw OR incisor\$::ab,ti,kw) AND injur*:ab,ti,kw	13 587
#30	#28 OR #29	20 677
#31	#3 AND #30	1 701
#32	dental:jt OR dentistry:jt OR orthodont*:jt OR oral:jt OR endodontic\$::jt	446 392



#33	#3 AND #32	3 778
#34	#5 OR #16 OR #27 OR #31 OR #33	5 683
#35	'antiinfective agent'/exp	3 522 978
#36	antibiotic*:ab,ti,kw,jt	458 382
#37	'anti biotic*':ab,ti,kw,jt	311
#38	bacteriocid*:ab,ti,kw,jt	710
#39	anti\$bacterial*:ab,ti,kw,jt	98 191
#40	anti\$mycobacterial*:ab,ti,kw,jt	4 711
#41	anti\$infect*:ab,ti,kw,jt	1 720
#42	anti\$microbial*:ab,ti,kw,jt	255 477
#43	#36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42	699 733
#44	aminoglycoside\$:ab,ti,kw,tn	23 673
#45	ansamycin\$:ab,ti,kw,tn	739
#46	(('beta lactamase' OR 'b lactamase') NEAR/3 (antagonist\$ OR inhibitor\$)):ab,ti,kw,jt	1 092
#47	carbapenem\$:ab,ti,kw,tn	17 002
#48	penicillin\$:ab,ti,kw,tn	65 082
#49	cephalosporin\$:ab,ti,kw,tn	28 836
#50	lincosamide\$:ab,ti,kw,tn	1 754
#51	macrolide\$:ab,ti,kw,tn	21 144
#52	monobactam\$:ab,ti,kw,tn	955
#53	nitrofuran\$:ab,ti,kw,tn	1 534
#54	oxazolidinone\$:ab,ti,kw,tn	3 152
#55	carboxypenicillin\$:ab,ti,kw,tn	53
#56	sulfonamide\$:ab,ti,kw,tn	17 209
#57	tetracycline\$:ab,ti,kw,tn	41 801
#58	#44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57	188 601
#59	alamethicin:ab,ti,kw,rn,tn	848



#60	amikacin:ab,ti,kw,rn,tn	13 168
#61	amoxicillin:ab,ti,kw,rn,tn	21 788
#62	'amoxicillin potassium':ab,ti,kw,rn,tn	34
#63	'amphotericin b':ab,ti,kw,rn,tn	22 935
#64	ampicillin:ab,ti,kw,rn,tn	28 289
#65	anisomycin:ab,ti,kw,rn,tn	1 845
#66	'antimycin a':ab,ti,kw,rn,tn	2 693
#67	aurodox:ab,ti,kw,rn,tn	39
#68	azithromycin:ab,ti,kw,rn,tn	12 307
#69	aztreonam:ab,ti,kw,rn,tn	4 245
#70	bacitracin:ab,ti,kw,rn,tn	3 502
#71	bacteriocin\$:ab,ti,kw,rn,tn	6 113
#72	bambermycin\$:ab,ti,kw,rn,tn	39
#73	'bongrekic acid':ab,ti,kw,rn,tn	401
#74	'brefeldin a':ab,ti,kw,rn,tn	4 153
#75	butirosin:ab,ti,kw,rn,tn	136
#76	calcimycin:ab,ti,kw,rn,tn	234
#77	candidin:ab,ti,kw,rn,tn	168
#78	capreomycin:ab,ti,kw,rn,tn	726
#79	carbenicillin:ab,ti,kw,rn,tn	2751
#80	carfecillin:ab,ti,kw,rn,tn	82
#81	cefaclor:ab,ti,kw,rn,tn	2 349
#82	cefadroxil:ab,ti,kw,rn,tn	930
#83	cefamandole:ab,ti,kw,rn,tn	1 543
#84	cefatrizine:ab,ti,kw,rn,tn	200
#85	cefazolin:ab,ti,kw,rn,tn	5 799
#86	cefdinir:ab,ti,kw,rn,tn	704



#87	cefepime:ab,ti,kw,rn,tn	5 287
#88	cefixime:ab,ti,kw,rn,tn	2 610
#89	cefmenoxime:ab,ti,kw,rn,tn	610
#90	cefmetazole:ab,ti,kw,rn,tn	831
#91	cefonicid:ab,ti,kw,rn,tn	291
#92	cefoperazone:ab,ti,kw,rn,tn	3 712
#93	cefotaxime:ab,ti,kw,rn,tn	10 857
#94	cefotetan:ab,ti,kw,rn,tn	1 022
#95	cefotiam:ab,ti,kw,rn,tn	1 047
#96	cefoxitin:ab,ti,kw,rn,tn	5 384
#97	cefsulodin:ab,ti,kw,rn,tn	735
#98	ceftazidime:ab,ti,kw,rn,tn	12 202
#99	ceftibuten:ab,ti,kw,rn,tn	396
#100	ceftizoxime:ab,ti,kw,rn,tn	1 274
#101	ceftriaxone:ab,ti,kw,rn,tn	16 102
#102	cefuroxime:ab,ti,kw,rn,tn	6 038
#103	cephacetrile:ab,ti,kw,rn,tn	193
#104	cephalexin:ab,ti,kw,rn,tn	3 426
#105	cephaloglycin:ab,ti,kw,rn,tn	100
#106	cephaloridine:ab,ti,kw,rn,tn	1 409
#107	cephalothin:ab,ti,kw,rn,tn	3 359
#108	cephamycin\$:ab,ti,kw,rn,tn	903
#109	cephapirin:ab,ti,kw,rn,tn	404
#110	cephradine:ab,ti,kw,rn,tn	741
#111	chloramphenicol:ab,ti,kw,rn,tn	28 086
#112	chlortetracycline:ab,ti,kw,rn,tn	2 792
#113	ciprofloxacin:ab,ti,kw,rn,tn	34 377



#114	citrinin:ab,ti,kw,rn,tn	931
#115	clarithromycin:ab,ti,kw,rn,tn	1 3310
#116	"clavulanic acid\$":ab,ti,kw,rn,tn	7 268
#117	clavulanate:ab,ti,kw,rn,tn	4 631
#118	clindamycin:ab,ti,kw,rn,tn	13 629
#119	cloxacillin:ab,ti,kw,rn,tn	2 154
#120	colistin:ab,ti,kw,rn,tn	7 859
#121	cyclacillin:ab,ti,kw,rn,tn	97
#122	dactinomycin:ab,ti,kw,rn,tn	1 089
#123	dalbavancin:ab,ti,kw,rn,tn	502
#124	daptomycin:ab,ti,kw,rn,tn	4 228
#125	demeclacycline:ab,ti,kw,rn,tn	392
#126	dibekacin:ab,ti,kw,rn,tn	431
#127	dicloxacillin:ab,ti,kw,rn,tn	844
#128	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#129	diketopiperazines:ab,ti,kw,rn,tn	639
#130	distamycins:ab,ti,kw,rn,tn	35
#131	doripenem:ab,ti,kw,rn,tn	991
#132	doxycycline:ab,ti,kw,rn,tn	18 978
#133	echinomycin:ab,ti,kw,rn,tn	315
#134	edeine:ab,ti,kw,rn,tn	120
#135	enoxacin:ab,ti,kw,rn,tn	1 290
#136	enrofloxacin:ab,ti,kw,rn,tn	2 817
#137	enviomycin:ab,ti,kw,rn,tn	54
#138	ertapenem:ab,ti,kw,rn,tn	2 423
#139	erythromycin:ab,ti,kw,rn,tn	24 929
#140	fidaxomicin:ab,ti,kw,rn,tn	694



#141	filipin:ab,ti,kw,rn,tn	1 547
#142	floxacillin:ab,ti,kw,rn,tn	15
#143	flucloxacillin:ab,ti,kw,rn,tn	1 413
#144	fosfomycin:ab,ti,kw,rn,tn	4 008
#145	framycetin:ab,ti,kw,rn,tn	221
#146	'fusidic acid':ab,ti,kw,rn,tn	2 164
#147	furazolidone:ab,ti,kw,rn,tn	1 622
#148	gatifloxacin:ab,ti,kw,rn,tn	2 149
#149	gatifloxacin:ab,ti,kw,rn,tn	2 149
#150	gentamicins:ab,ti,kw,rn,tn	88
#151	gramicidin:ab,ti,kw,rn,tn	3 676
#152	'hygromycin b':ab,ti,kw,rn,tn	954
#153	imipenem:ab,ti,kw,rn,tn	14 702
#154	josamycin:ab,ti,kw,rn,tn	870
#155	kanamycin:ab,ti,kw,rn,tn	9 775
#156	kitasamycin:ab,ti,kw,rn,tn	95
#157	lactams:ab,ti,kw,rn,tn	13 242
#158	lasalocid:ab,ti,kw,rn,tn	642
#159	leucomycins:ab,ti,kw,rn,tn	26
#160	levofloxacin:ab,ti,kw,rn,tn	11 783
#161	lincomycin:ab,ti,kw,rn,tn	2 679
#162	lincosamides:ab,ti,kw,rn,tn	816
#163	linezolid:ab,ti,kw,rn,tn	8 260
#164	lomefloxacin:ab,ti,kw,rn,tn	1 131
#165	lucensomycin:ab,ti,kw,rn,tn	31
#166	lymecycline:ab,ti,kw,rn,tn	157
#167	mafénide:ab,ti,kw,rn,tn	199



#168	mepartericin:ab,ti,kw,rn,tn	137
#169	meropenem:ab,ti,kw,rn,tn	10 500
#170	methacycline:ab,ti,kw,rn,tn	211
#171	methicillin:ab,ti,kw,rn,tn	41 138
#172	metronidazole:ab,ti,kw,rn,tn	21 584
#173	mezlocillin:ab,ti,kw,rn,tn	1 215
#174	mikamycin:ab,ti,kw,rn,tn	43
#175	minocycline:ab,ti,kw,rn,tn	8 962
#176	miocamycin:ab,ti,kw,rn,tn	156
#177	moxalactam:ab,ti,kw,rn,tn	1 460
#178	moxifloxacin:ab,ti,kw,rn,tn	6 408
#179	mupirocin:ab,ti,kw,rn,tn	2 470
#180	mycobacillin:ab,ti,kw,rn,tn	61
#181	nadifloxacin:ab,ti,kw,rn,tn	136
#182	nafcillin:ab,ti,kw,rn,tn	875
#183	'nalidixic acid':ab,ti,kw,rn,tn	6 312
#184	natamycin:ab,ti,kw,rn,tn	733
#185	nebramycin:ab,ti,kw,rn,tn	40
#186	neomycin:ab,ti,kw,rn,tn	10 516
#187	netilmicin:ab,ti,kw,rn,tn	2 264
#188	netropsin:ab,ti,kw,rn,tn	651
#189	nigericin:ab,ti,kw,rn,tn	1 718
#190	nisin:ab,ti,kw,rn,tn	2331
#191	nitrofurantoin:ab,ti,kw,rn,tn	4 735
#192	norfloxacin:ab,ti,kw,rn,tn	5 848
#193	novobiocin:ab,ti,kw,rn,tn	2 575
#194	nystatin:ab,ti,kw,rn,tn	4 514



#195	ofloxacin:ab,ti,kw,rn,tn	8 905
#196	oleandomycin:ab,ti,kw,rn,tn	790
#197	oligomycin\$:ab,ti,kw,rn,tn	3 842
#198	oritavancin:ab,ti,kw,rn,tn	430
#199	oxacillin:ab,ti,kw,rn,tn	5 694
#200	'oxolinic acid':ab,ti,kw,rn,tn	726
#201	oxytetracycline:ab,ti,kw,rn,tn	5 383
#202	paromomycin:ab,ti,kw,rn,tn	1 476
#203	pefloxacin:ab,ti,kw,rn,tn	1 613
#204	pefloxacin:ab,ti,kw,rn,tn	1 613
#205	'penicillic acid':ab,ti,kw,rn,tn	255
#206	'penicillin g':ab,ti,kw,rn,tn	7 560
#207	'penicillin v':ab,ti,kw,rn,tn	1 412
#208	'pipemidic acid':ab,ti,kw,rn,tn	630
#209	piperacillin:ab,ti,kw,rn,tn	10 768
#210	pivampicillin:ab,ti,kw,rn,tn	411
#211	'polymyxin b':ab,ti,kw,rn,tn	5 873
#212	polymyxins:ab,ti,kw,rn,tn	1 003
#213	pristinamycin:ab,ti,kw,rn,tn	591
#214	prodigiosin:ab,ti,kw,rn,tn	608
#215	ribostamycin:ab,ti,kw,rn,tn	193
#216	rifabutin:ab,ti,kw,rn,tn	1 586
#217	rifamycin\$:ab,ti,kw,rn,tn	2 350
#218	rifaximin:ab,ti,kw,rn,tn	2 262
#219	ristocetin:ab,ti,kw,rn,tn	4 123
#220	rolitetracycline:ab,ti,kw,rn,tn	129
#221	roxarsone:ab,ti,kw,rn,tn	229



#222	roxithromycin:ab,ti,kw,rn,tn	1 823
#223	rutamycin:ab,ti,kw,rn,tn	68
#224	sirolimus:ab,ti,kw,rn,tn	14 597
#225	sisomicin:ab,ti,kw,rn,tn	895
#226	spectinomycin:ab,ti,kw,rn,tn	2 411
#227	spiramycin:ab,ti,kw,rn,tn	1 455
#228	'streptogramin a':ab,ti,kw,rn,tn	113
#229	'streptogramin group a':ab,ti,kw,rn,tn	5
#230	'streptogramin group b':ab,ti,kw,rn,tn	5
#231	streptogramins:ab,ti,kw,rn,tn	385
#232	streptomycin:ab,ti,kw,rn,tn	23 455
#233	streptovaricin:ab,ti,kw,rn,tn	94
#234	sulbactam:ab,ti,kw,rn,tn	5 015
#235	sulbenicillin:ab,ti,kw,rn,tn	191
#236	sulfacetamide:ab,ti,kw,rn,tn	313
#237	sulfadiazine:ab,ti,kw,rn,tn	3 824
#238	sulfamerazine:ab,ti,kw,rn,tn	434
#239	sulfamethoxypyridazine:ab,ti,kw,rn,tn	335
#240	sulfanilamide:ab,ti,kw,rn,tn	1 299
#241	sulfasalazine:ab,ti,kw,rn,tn	5 337
#242	sulfisoxazole:ab,ti,kw,rn,tn	777
#243	sulfamethizole:ab,ti,kw,rn,tn	226
#244	talampicillin:ab,ti,kw,rn,tn	148
#245	tazobactam:ab,ti,kw,rn,tn	8 106
#246	teicoplanin:ab,ti,kw,rn,tn	4 903
#247	telavancin:ab,ti,kw,rn,tn	519
#248	thiamphenicol:ab,ti,kw,rn,tn	861



#249	thienamycins:ab,ti,kw,rn,tn	9
#250	thiostrepton:ab,ti,kw,rn,tn	602
#251	ticarcillin:ab,ti,kw,rn,tn	2 509
#252	tigecycline:ab,ti,kw,rn,tn	4 552
#253	tinidazole:ab,ti,kw,rn,tn	1 820
#254	tinidazole:ab,ti,kw,rn,tn	1 820
#255	tobramycin:ab,ti,kw,rn,tn	9 211
#256	torezolid:ab,ti,kw,rn,tn	41
#257	tedizolid:ab,ti,kw,rn,tn	361
#258	trimethoprim:ab,ti,kw,rn,tn	20 551
#259	sulfamethoxazole:ab,ti,kw,rn,tn	15 517
#260	temocillin:ab,ti,kw,rn,tn	367
#261	troleandomycin:ab,ti,kw,rn,tn	661
#262	tunicamycin:ab,ti,kw,rn,tn	5 977
#263	tylosin:ab,ti,kw,rn,tn	1 650
#264	tyrocidine:ab,ti,kw,rn,tn	193
#265	tyrothricin:ab,ti,kw,rn,tn	214
#266	valinomycin:ab,ti,kw,rn,tn	3 080
#267	vancomycin:ab,ti,kw,rn,tn	38 218
#268	vernamicin AND b:ab,ti,kw,rn,tn	23
#269	viomycin:ab,ti,kw,rn,tn	469
#270	virginiamycin:ab,ti,kw,rn,tn	592
#271	'amox clav':ab,ti,kw,rn,tn	30
#272	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 295
#273	augmentin:ab,ti,kw,rn,tn	3 899
#274	'brl 25000':ab,ti,kw,rn,tn	107
#275	brl25000:ab,ti,kw,rn,tn	80



#276	clavulin:ab,ti,kw,rn,tn	58
#277	'co amoxiclav':ab,ti,kw,rn,tn	948
#278	coamoxiclav:ab,ti,kw,rn,tn	178
#279	spektramox:ab,ti,kw,rn,tn	22
#280	synulox:ab,ti,kw,rn,tn	133
#281	'brl 14151':ab,ti,kw,rn,tn	20
#282	brl14151:ab,ti,kw,rn,tn	3
#283	'mm 14151':ab,ti,kw,rn,tn	2
#284	mm14151:ab,ti,kw,rn,tn	0
#285	tazocel:ab,ti,kw,rn,tn	8
#286	tazocillin:ab,ti,kw,rn,tn	27
#287	tazocin:ab,ti,kw,rn,tn	538
#288	zosyn:ab,ti,kw,rn,tn	612
#289	betamaze:ab,ti,kw,rn,tn	5
#290	'cp 45899':ab,ti,kw,rn,tn	76
#291	cp45899:ab,ti,kw,rn,tn	1
#292	combactam:ab,ti,kw,rn,tn	42
#293	'ytr 830h':ab,ti,kw,rn,tn	21
#294	'ytr 830':ab,ti,kw,rn,tn	44
#295	ytr830:ab,ti,kw,rn,tn	1
#296	#59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189	510 835



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OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278 OR #279 OR #280 OR #281 OR #282 OR #283 OR #284 OR #285 OR #286 OR #287 OR #288 OR #289 OR #290 OR #291 OR #292 OR #293 OR #294 OR #295

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#297	#35 OR #43 OR #58 OR #296	3 746 605
#298	#34 AND #297	370
#299	#298 NOT [medline]/lim	64
#300	#299 NOT ('conference abstract':it OR 'conference paper':it OR 'conference review':it)	32
#301	#300 AND ('meta-analysis':exp OR 'meta-analysis' OR 'systematic review':exp OR 'systematic review')	1
#302	#300 AND (random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti))	2
#303	#302 AND [2000-2019]/py	2
#304	#302 AND [2018-2019]/py	0
#305	#300 NOT (#301 OR #302)	30
#306	#305 AND [2018-2019]/py	2

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**Comments**

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## 2.6 Periodontal treatment of aggressive periodontitis

### 2.6.1 Systematic reviews and RCTs

#### 2.6.1.1 Ovid MEDLINE

Date	6 December 2019	
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to December 06, 2019>	
Search strategy		
ID	Search	Results
1	Aggressive Periodontitis/	2 089
2	(aggressive adj3 periodontitis).ab,ti,kf.	1 641
3	(severe adj3 periodontitis).ab,ti,kf.	2 082
4	(circumpubertal adj3 periodontitis).ab,ti,kf.	2
5	(prepubertal adj3 periodontitis).ab,ti,kf.	99
6	(early-onset adj3 periodontitis).ab,ti,kf.	324
7	(juvenile adj3 periodontitis).ab,ti,kf.	845
8	periodontoses.ab,ti,kf.	9
9	periodontosis.ab,ti,kf.	449
10	paradentosis.ab,ti,kf.	155
11	2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10	5 204
12	1 or 11	5 634
13	exp Anti-Bacterial Agents/	711 833
14	antibiotic*.ab,ti,kf,jw.	346 602
15	anti-biotic*.ab,ti,kf,jw.	125
16	bacteriocid*.ab,ti,kf,jw.	580
17	anti?bacterial*.ab,ti,kf,jw.	71 907
18	anti?mycobacterial*.ab,ti,kf,jw.	3 717



19	anti?infect*.ab,ti,kf,jw.	2 636
20	anti?microbial*.ab,ti,kf,jw.	203 420
21	14 or 15 or 16 or 17 or 18 or 19 or 20	538 858
22	Aminoglycoside?.ab,ti,kf,nm.	23 623
23	Ansamycin?.ab,ti,kf,nm.	561
24	(("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?)).ab,ti,kf,jw.	2 912
25	Carbapenem?.ab,ti,kf,nm.	12 693
26	penicillin?.ab,ti,kf,nm.	77 472
27	Cephalosporin?.ab,ti,kf,nm.	31 894
28	Lincosamide?.ab,ti,kf,nm.	1 602
29	macrolide?.ab,ti,kf,nm.	23 028
30	Monobactam?.ab,ti,kf,nm.	936
31	Nitrofuran?.ab,ti,kf,nm.	2 556
32	Oxazolidinone?.ab,ti,kf,nm.	5 157
33	carboxypenicillin?.ab,ti,kf,nm.	48
34	sulfonamide?.ab,ti,kf,nm.	53 526
35	Tetracycline?.ab,ti,kf,nm.	45 523
36	22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35	243 348
37	Alamethicin.ab,ti,kf,nm.	840
38	Amikacin.ab,ti,kf,nm.	9 982
39	Amoxicillin.ab,ti,kf,nm.	19 546
40	Amoxicillin-Potassium.ab,ti,kf,nm.	2 532
41	Amphotericin B.ab,ti,kf,nm.	23 171
42	Ampicillin.ab,ti,kf,nm.	28 784
43	Anisomycin.ab,ti,kf,nm.	1 978
44	Antimycin A.ab,ti,kf,nm.	4 353
45	Aurodox.ab,ti,kf,nm.	35



46	Azithromycin.ab,ti,kf,nm.	8 832
47	Aztreonam.ab,ti,kf,nm.	3 275
48	Bacitracin.ab,ti,kf,nm.	4 174
49	Bacteriocin?.ab,ti,kf,nm.	8 103
50	Bambermycin?.ab,ti,kf,nm.	135
51	Bongrekic Acid.ab,ti,kf,nm.	456
52	Brefeldin A.ab,ti,kf,nm.	4 153
53	Butirosin.ab,ti,kf,nm.	152
54	Calcimycin.ab,ti,kf,nm.	11 932
55	Candididin.ab,ti,kf,nm.	306
56	Capreomycin.ab,ti,kf,nm.	668
57	Carbenicillin.ab,ti,kf,nm.	3 293
58	Carfecillin.ab,ti,kf,nm.	37
59	Cefaclor.ab,ti,kf,nm.	1 778
60	Cefadroxil.ab,ti,kf,nm.	725
61	Cefamandole.ab,ti,kf,nm.	1 647
62	Cefatrizine.ab,ti,kf,nm.	117
63	Cefazolin.ab,ti,kf,nm.	5 198
64	Cefdinir.ab,ti,kf,nm.	430
65	Cefepime.ab,ti,kf,nm.	3 363
66	Cefixime.ab,ti,kf,nm.	1 725
67	Cefmenoxime.ab,ti,kf,nm.	521
68	Cefmetazole.ab,ti,kf,nm.	692
69	Cefoncid.ab,ti,kf,nm.	253
70	Cefoperazone.ab,ti,kf,nm.	2 706
71	Cefotaxime.ab,ti,kf,nm.	10 616
72	Cefotetan.ab,ti,kf,nm.	800



73	Cefotiam.ab,ti,kf,nm.	688
74	Cefoxitin.ab,ti,kf,nm.	4 600
75	Cefsulodin.ab,ti,kf,nm.	632
76	Ceftazidime.ab,ti,kf,nm.	9 481
77	Ceftibuten.ab,ti,kf,nm.	318
78	Ceftizoxime.ab,ti,kf,nm.	1 581
79	Ceftriaxone.ab,ti,kf,nm.	12 218
80	Cefuroxime.ab,ti,kf,nm.	4 827
81	Cephacetrile.ab,ti,kf,nm.	163
82	Cephalexin.ab,ti,kf,nm.	3 525
83	Cephaloglycin.ab,ti,kf,nm.	131
84	Cephaloridine.ab,ti,kf,nm.	2 068
85	Cephalothin.ab,ti,kf,nm.	4 436
86	Cephamycin?.ab,ti,kf,nm.	1 681
87	Cephapirin.ab,ti,kf,nm.	615
88	Cephradine.ab,ti,kf,nm.	875
89	Chloramphenicol.ab,ti,kf,nm.	40 306
90	Chlortetracycline.ab,ti,kf,nm.	6 589
91	Ciprofloxacin.ab,ti,kf,nm.	27 607
92	Citrinin.ab,ti,kf,nm.	862
93	Clarithromycin.ab,ti,kf,nm.	10 358
94	Clavulanic Acid?.ab,ti,kf,nm.	6 309
95	clavulanate.ab,ti,kf,nm.	5 112
96	Clindamycin.ab,ti,kf,nm.	11 962
97	Cloxacillin.ab,ti,kf,nm.	2 674
98	Colistin.ab,ti,kf,nm.	7 244
99	Cyclacillin.ab,ti,kf,nm.	110



100	Dactinomycin.ab,ti,kf,nm.	19 126
101	dalbavancin.ab,ti,kf,nm.	420
102	Daptomycin.ab,ti,kf,nm.	3 139
103	Demeclocycline.ab,ti,kf,nm.	1 019
104	Dibekacin.ab,ti,kf,nm.	630
105	Dicloxacillin.ab,ti,kf,nm.	910
106	Dihydrostreptomycin.ab,ti,kf,nm.	1 564
107	Diketopiperazines.ab,ti,kf,nm.	906
108	Distamycins.ab,ti,kf,nm.	779
109	Doripenem.ab,ti,kf,nm.	655
110	Doxycycline.ab,ti,kf,nm.	16 483
111	Echinomycin.ab,ti,kf,nm.	334
112	Edeine.ab,ti,kf,nm.	144
113	Enoxacin.ab,ti,kf,nm.	1 132
114	Enrofloxacin.ab,ti,kf,nm.	2 576
115	Enviomycin.ab,ti,kf,nm.	75
116	Ertapenem.ab,ti,kf,nm.	1 565
117	Erythromycin.ab,ti,kf,nm.	25 765
118	Fidaxomicin.ab,ti,kf,nm.	497
119	Filipin.ab,ti,kf,nm.	1 440
120	Floxacillin.ab,ti,kf,nm.	737
121	Flucloxacillin.ab,ti,kf,nm.	844
122	Fosfomycin.ab,ti,kf,nm.	3 280
123	Framycetin.ab,ti,kf,nm.	564
124	Fusidic Acid.ab,ti,kf,nm.	2 488
125	furazolidone.ab,ti,kf,nm.	1 822
126	Gatifloxacin.ab,ti,kf,nm.	1 726



127	Gatifloxacin.ab,ti,kf,nm.	1 726
128	Gentamicins.ab,ti,kf,nm.	18 127
129	Gramicidin.ab,ti,kf,nm.	4 075
130	Hygromycin B.ab,ti,kf,nm.	1 511
131	Imipenem.ab,ti,kf,nm.	10 830
132	Josamycin.ab,ti,kf,nm.	722
133	Kanamycin.ab,ti,kf,nm.	13 773
134	Kitasamycin.ab,ti,kf,nm.	127
135	Lactams.ab,ti,kf,nm.	1 9691
136	Lasalocid.ab,ti,kf,nm.	915
137	Leucomycins.ab,ti,kf,nm.	1 851
138	Levofloxacin.ab,ti,kf,nm.	7 616
139	Lincomycin.ab,ti,kf,nm.	3 382
140	Lincosamides.ab,ti,kf,nm.	973
141	Linezolid.ab,ti,kf,nm.	5 875
142	Lomefloxacin.ab,ti,kf,nm.	909
143	Lucensomycin.ab,ti,kf,nm.	41
144	Lymecycline.ab,ti,kf,nm.	172
145	Mafenide.ab,ti,kf,nm.	270
146	Mepartricin.ab,ti,kf,nm.	104
147	Meropenem.ab,ti,kf,nm.	6 751
148	Methacycline.ab,ti,kf,nm.	415
149	Methicillin.ab,ti,kf,nm.	33 497
150	Metronidazole.ab,ti,kf,nm.	19 377
151	Mezlocillin.ab,ti,kf,nm.	1 039
152	Mikamycin.ab,ti,kf,nm.	46
153	Minocycline.ab,ti,kf,nm.	8 706



154	Miocamycin.ab,ti,kf,nm.	311
155	Moxalactam.ab,ti,kf,nm.	1 529
156	Moxifloxacin.ab,ti,kf,nm.	4 767
157	Mupirocin.ab,ti,kf,nm.	1 995
158	Mycobacillin.ab,ti,kf,nm.	59
159	Nadifloxacin.ab,ti,kf,nm.	96
160	Nafcillin.ab,ti,kf,nm.	966
161	Nalidixic Acid.ab,ti,kf,nm.	6 665
162	Natamycin.ab,ti,kf,nm.	1 031
163	Nebramycin.ab,ti,kf,nm.	169
164	Neomycin.ab,ti,kf,nm.	13 262
165	Netilmicin.ab,ti,kf,nm.	1 941
166	Netropsin.ab,ti,kf,nm.	751
167	Nigericin.ab,ti,kf,nm.	2 132
168	Nisin.ab,ti,kf,nm.	2 281
169	Nitrofurantoin.ab,ti,kf,nm.	4 542
170	Norfloxacin.ab,ti,kf,nm.	4 974
171	Novobiocin.ab,ti,kf,nm.	3 287
172	Nystatin.ab,ti,kf,nm.	5 124
173	Oflloxacin.ab,ti,kf,nm.	9 506
174	Oleandomycin.ab,ti,kf,nm.	1 304
175	Oligomycin?.ab,ti,kf,nm.	5 066
176	Oritavancin.ab,ti,kf,nm.	379
177	Oxacillin.ab,ti,kf,nm.	5 518
178	Oxolinic Acid.ab,ti,kf,nm.	722
179	Oxytetracycline.ab,ti,kf,nm.	8 375
180	Paromomycin.ab,ti,kf,nm.	1 872



181	Pefloxacin.ab,ti,kf,nm.	1 416
182	Pefloxacin.ab,ti,kf,nm.	1 416
183	Penicillic Acid.ab,ti,kf,nm.	262
184	Penicillin G.ab,ti,kf,nm.	15 197
185	Penicillin V.ab,ti,kf,nm.	2 677
186	Pipemidic Acid.ab,ti,kf,nm.	446
187	Piperacillin.ab,ti,kf,nm.	7 249
188	Pivampicillin.ab,ti,kf,nm.	331
189	Polymyxin B.ab,ti,kf,nm.	5 954
190	Polymyxins.ab,ti,kf,nm.	3 483
191	Pristinamycin.ab,ti,kf,nm.	499
192	Prodigiosin.ab,ti,kf,nm.	797
193	Ribostamycin.ab,ti,kf,nm.	189
194	Rifabutin.ab,ti,kf,nm.	2 491
195	Rifamycin?.ab,ti,kf,nm.	3 123
196	Rifaximin.ab,ti,kf,nm.	1 286
197	Ristocetin.ab,ti,kf,nm.	3 167
198	Rolitetracycline.ab,ti,kf,nm.	399
199	Roxarsone.ab,ti,kf,nm.	246
200	Roxithromycin.ab,ti,kf,nm.	1 482
201	Rutamycin.ab,ti,kf,nm.	82
202	Sirolimus.ab,ti,kf,nm.	20 206
203	Sisomicin.ab,ti,kf,nm.	806
204	Spectinomycin.ab,ti,kf,nm.	2 654
205	Spiramycin.ab,ti,kf,nm.	1 510
206	Streptogramin A.ab,ti,kf,nm.	135
207	Streptogramin Group A.ab,ti,kf,nm.	9



208	Streptogramin Group B.ab,ti,kf,nm.	26
209	Streptogramins.ab,ti,kf,nm.	390
210	Streptomycin.ab,ti,kf,nm.	30 992
211	Streptovaricin.ab,ti,kf,nm.	155
212	Sulbactam.ab,ti,kf,nm.	3 567
213	Sulbenicillin.ab,ti,kf,nm.	174
214	Sulfacetamide.ab,ti,kf,nm.	476
215	Sulfadiazine.ab,ti,kf,nm.	5 204
216	Sulfamerazine.ab,ti,kf,nm.	691
217	Sulfamethoxypyridazine.ab,ti,kf,nm.	753
218	Sulfanilamide.ab,ti,kf,nm.	7 126
219	Sulfasalazine.ab,ti,kf,nm.	5 705
220	Sulfisoxazole.ab,ti,kf,nm.	1 325
221	Sulfamethizole.ab,ti,kf,nm.	420
222	Talampicillin.ab,ti,kf,nm.	104
223	Tazobactam.ab,ti,kf,nm.	4 942
224	Teicoplanin.ab,ti,kf,nm.	3 989
225	telavancin.ab,ti,kf,nm.	407
226	Thiamphenicol.ab,ti,kf,nm.	1 168
227	Thienamycins.ab,ti,kf,nm.	3 579
228	Thiostrepton.ab,ti,kf,nm.	572
229	Ticarcillin.ab,ti,kf,nm.	2 148
230	Tigecycline.ab,ti,kf,nm.	3 190
231	Tinidazole.ab,ti,kf,nm.	1 431
232	Tinidazole.ab,ti,kf,nm.	1431
233	Tobramycin.ab,ti,kf,nm.	7 668
234	torezolid.ab,ti,kf,nm.	23



235	tedizolid.ab,ti,kf,nm.	297
236	Trimethoprim.ab,ti,kf,nm.	21 747
237	Sulfamethoxazole.ab,ti,kf,nm.	18 270
238	Temocillin.ab,ti,kf,nm.	296
239	Troleandomycin.ab,ti,kf,nm.	887
240	Tunicamycin.ab,ti,kf,nm.	5 841
241	Tylosin.ab,ti,kf,nm.	1 871
242	Tyrocidine.ab,ti,kf,nm.	224
243	Tyrothricin.ab,ti,kf,nm.	797
244	Valinomycin.ab,ti,kf,nm.	4 314
245	Vancomycin.ab,ti,kf,nm.	29 394
246	Vernamycin B.ab,ti,kf,nm.	17
247	Viomycin.ab,ti,kf,nm.	806
248	Virginiamycin.ab,ti,kf,nm.	1 445
249	amox-clav.ab,ti,kf,nm.	14
250	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 323
251	augmentin.ab,ti,kf,nm.	610
252	brl-25000.ab,ti,kf,nm.	31
253	brl25000.ab,ti,kf,nm.	1
254	clavulin.ab,ti,kf,nm.	4
255	co-amoxiclav.ab,ti,kf,nm.	530
256	coamoxiclav.ab,ti,kf,nm.	36
257	spektramox.ab,ti,kf,nm.	6
258	synulox.ab,ti,kf,nm.	5
259	brl-14151.ab,ti,kf,nm.	2
260	brl14151.ab,ti,kf,nm.	0
261	mm-14151.ab,ti,kf,nm.	0



262	mm14151.ab,ti,kf,nm.	0
263	tazocel.ab,ti,kf,nm.	1
264	tazocillin.ab,ti,kf,nm.	9
265	tazocin.ab,ti,kf,nm.	58
266	zosyn.ab,ti,kf,nm.	28
267	betamaze.ab,ti,kf,nm.	0
268	cp-45899.ab,ti,kf,nm.	10
269	cp45899.ab,ti,kf,nm.	0
270	combactam.ab,ti,kf,nm.	3
271	ytr 830h.ab,ti,kf,nm.	9
272	ytr-830.ab,ti,kf,nm.	28
273	ytr830.ab,ti,kf,nm.	0
274	37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273	554 664
275	13 or 21 or 36 or 274	1 129 823
276	12 and 275	727
277	limit 276 to yr="2000-2019"	496
278	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus	375 904



development conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ('evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and (((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri\*)) or 'exclusion criteri\*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview\* or review or reviews or search\* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy\* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.)) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms])

279	277 and 278	31
280	randomized controlled trial.pt.	495 639
281	controlled clinical trial.pt.	93 449
282	randomized.ti,ab.	499 186
283	placebo.ti,ab.	20 8698
284	clinical trials as topic/	189 357
285	randomly.ti,ab.	323 560
286	trial?.ti.	278 545
287	280 or 281 or 282 or 283 or 284 or 285 or 286	1 286 595
288	exp animal/ not humans/	4 648 908
289	287 not 288	1 184 492
290	277 and 289	167
291	290 not 279	146
Comments	A first search was performed on November Week 3 2019, but only on Medline segment. This search was performed on all segment available through OvidSp.	

2.6.1.2 *Cochrane*

Date	22 November 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
#1	[mh ^"Aggressive Periodontitis"]	94
#2	(aggressive NEAR/3 periodontitis):ab,ti,kw	212
#3	(severe NEAR/3 periodontitis):ab,ti,kw	414
#4	(circumpubertal NEAR/3 periodontitis):ab,ti,kw	0
#5	(prepubertal NEAR/3 periodontitis):ab,ti,kw	0
#6	(early-onset NEAR/3 periodontitis):ab,ti,kw	19
#7	(juvenile NEAR/3 periodontitis):ab,ti,kw	27
#8	periodontoses:ab,ti,kw	0
#9	periodontosis:ab,ti,kw	13
#10	paradentosis:ab,ti,kw	0
#11	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10	646
#12	#1 or #11	646
#13	[mh "Anti-Bacterial Agents"]	11 428
#14	antibiotic*:ab,ti,kw,so	30 238
#15	anti-biotic*:ab,ti,kw,so	34
#16	bacteriocid*:ab,ti,kw,so	27
#17	anti?bacterial*:ab,ti,kw,so	12 676
#18	anti?mycobacterial*:ab,ti,kw,so	95
#19	anti?infect*:ab,ti,kw,so	6 238
#20	anti?microbial*:ab,ti,kw,so	10 518
#21	#14 or #15 or #16 or #17 or #18 or #19 or #20	45 411
#22	Aminoglycoside?:ab,ti	769



#23	Ansamycin?:ab,ti	11
#24	("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?):ab,ti,kw,so	1 494
#25	Carbapenem?:ab,ti	462
#26	penicillin?:ab,ti	2 304
#27	Cephalosporin?:ab,ti	1 358
#28	Lincosamide?:ab,ti	13
#29	macrolide?:ab,ti	978
#30	Monobactam?:ab,ti	27
#31	Nitrofuran?:ab,ti	13
#32	Oxazolidinone?:ab,ti	89
#33	carboxypenicillin?:ab,ti	3
#34	sulfonamide?:ab,ti	177
#35	Tetracycline?:ab,ti	1 798
#36	#22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35	8 644
#37	Alamethicin:ab,ti	1
#38	Amikacin:ab,ti	768
#39	Amoxicillin:ab,ti	4 109
#40	Amoxicillin-Potassium:ab,ti	10
#41	Amphotericin B:ab,ti	1 006
#42	Ampicillin:ab,ti	1 450
#43	Anisomycin:ab,ti	0
#44	Antimycin A:ab,ti	8
#45	Aurodox:ab,ti	0
#46	Azithromycin:ab,ti	2 269
#47	Aztreonam:ab,ti	343
#48	Bacitracin:ab,ti	146
#49	Bacteriocin?:ab,ti	29



#50	Bambermycin?:ab,ti	0
#51	Bongrekic Acid:ab,ti	0
#52	Brefeldin A:ab,ti	11
#53	Butirosin:ab,ti	0
#54	Calcimycin:ab,ti	4
#55	Candidin:ab,ti	7
#56	Capreomycin:ab,ti	19
#57	Carbenicillin:ab,ti	133
#58	Carfecillin:ab,ti	2
#59	Cefaclor:ab,ti	435
#60	Cefadroxil:ab,ti	171
#61	Cefamandole:ab,ti	234
#62	Cefatrizine:ab,ti	21
#63	Cefazolin:ab,ti	826
#64	Cefdinir:ab,ti	104
#65	Cefepime:ab,ti	285
#66	Cefixime:ab,ti	322
#67	Cefmenoxime:ab,ti	31
#68	Cefmetazole:ab,ti	77
#69	Cefonicid:ab,ti	66
#70	Cefoperazone:ab,ti	249
#71	Cefotaxime:ab,ti	702
#72	Cefotetan:ab,ti	170
#73	Cefotiam:ab,ti	117
#74	Cefoxitin:ab,ti	438
#75	Cefsulodin:ab,ti	12
#76	Ceftazidime:ab,ti	933



#77	Ceftibuten:ab,ti	79
#78	Ceftizoxime:ab,ti	136
#79	Ceftriaxone:ab,ti	1 358
#80	Cefuroxime:ab,ti	834
#81	Cephacetrile:ab,ti	9
#82	Cephalexin:ab,ti	389
#83	Cephaloglycin:ab,ti	12
#84	Cephaloridine:ab,ti	72
#85	Cephalothin:ab,ti	179
#86	Cephamycin?:ab,ti	27
#87	Cephapirin:ab,ti	21
#88	Cephradine:ab,ti	113
#89	Chloramphenicol:ab,ti	467
#90	Chlortetracycline:ab,ti	29
#91	Ciprofloxacin:ab,ti	2 303
#92	Citrinin:ab,ti	0
#93	Clarithromycin:ab,ti	2 820
#94	Clavulanic Acid?:ab,ti	729
#95	clavulanate:ab,ti	712
#96	Clindamycin:ab,ti	1 528
#97	Cloxacillin:ab,ti	152
#98	Colistin:ab,ti	335
#99	Cyclacillin:ab,ti	14
#100	Dactinomycin:ab,ti	119
#101	dalbavancin:ab,ti	44
#102	Daptomycin:ab,ti	159
#103	Demeclocycline:ab,ti	22



#104	Dibekacin:ab,ti	8
#105	Dicloxacillin:ab,ti	74
#106	Dihydrostreptomycin:ab,ti	3
#107	Diketopiperazines:ab,ti	3
#108	Distamycins:ab,ti	0
#109	Doripenem:ab,ti	84
#110	Doxycycline:ab,ti	1 770
#111	Echinomycin:ab,ti	1
#112	Edeine:ab,ti	0
#113	Enoxacin:ab,ti	105
#114	Enrofloxacin:ab,ti	11
#115	Enviomycin:ab,ti	0
#116	Ertapenem:ab,ti	161
#117	Erythromycin:ab,ti	1 743
#118	Fidaxomicin:ab,ti	113
#119	Filipin:ab,ti	11
#120	Floxacillin:ab,ti	0
#121	Flucloxacillin:ab,ti	175
#122	Fosfomycin:ab,ti	240
#123	Framycetin:ab,ti	26
#124	Fusidic Acid:ab,ti	176
#125	furazolidone:ab,ti	230
#126	Gatifloxacin:ab,ti	265
#127	Gatifloxacin:ab,ti	265
#128	Gentamicins:ab,ti	1
#129	Gramicidin:ab,ti	29
#130	Hygromycin B:ab,ti	2



#131	Imipenem:ab,ti	602
#132	Josamycin:ab,ti	65
#133	Kanamycin:ab,ti	110
#134	Kitasamycin:ab,ti	1
#135	Lactams:ab,ti	170
#136	Lasalocid:ab,ti	1
#137	Leucomycins:ab,ti	0
#138	Levofloxacin:ab,ti	1 331
#139	Lincomycin:ab,ti	68
#140	Lincosamides:ab,ti	6
#141	Linezolid:ab,ti	430
#142	Lomefloxacin:ab,ti	152
#143	Lucensomycin:ab,ti	0
#144	Lymecycline:ab,ti	57
#145	Mafenide:ab,ti	12
#146	Mepartricin:ab,ti	26
#147	Meropenem:ab,ti	533
#148	Methacycline:ab,ti	15
#149	Methicillin:ab,ti	1 121
#150	Metronidazole:ab,ti	3 950
#151	Mezlocillin:ab,ti	197
#152	Mikamycin:ab,ti	0
#153	Minocycline:ab,ti	889
#154	Miocamycin:ab,ti	14
#155	Moxalactam:ab,ti	129
#156	Moxifloxacin:ab,ti	1223
#157	Mupirocin:ab,ti	400



#158	Mycobacillin:ab,ti	0
#159	Nadifloxacin:ab,ti	35
#160	Nafcillin:ab,ti	37
#161	Nalidixic Acid:ab,ti	118
#162	Natamycin:ab,ti	60
#163	Nebramycin:ab,ti	0
#164	Neomycin:ab,ti	419
#165	Netilmicin:ab,ti	246
#166	Netropsin:ab,ti	0
#167	Nigericin:ab,ti	1
#168	Nisin:ab,ti	1
#169	Nitrofurantoin:ab,ti	261
#170	Norfloxacin:ab,ti	478
#171	Novobiocin:ab,ti	16
#172	Nystatin:ab,ti	354
#173	Ofloxacin:ab,ti	936
#174	Oleandomycin:ab,ti	5
#175	Oligomycin?:ab,ti	4
#176	Oritavancin:ab,ti	33
#177	Oxacillin:ab,ti	110
#178	Oxolinic Acid:ab,ti	7
#179	Oxytetracycline:ab,ti	157
#180	Paromomycin:ab,ti	96
#181	Pefloxacin:ab,ti	160
#182	Pefloxacin:ab,ti	160
#183	Penicillic Acid:ab,ti	0
#184	Penicillin G:ab,ti	582



#185	Penicillin V:ab,ti	402
#186	Pipemidic Acid:ab,ti	58
#187	Piperacillin:ab,ti	777
#188	Pivampicillin:ab,ti	112
#189	Polymyxin B:ab,ti	286
#190	Polymyxins:ab,ti	15
#191	Pristinamycin:ab,ti	35
#192	Prodigiosin:ab,ti	0
#193	Ribostamycin:ab,ti	5
#194	Rifabutin:ab,ti	203
#195	Rifamycin?:ab,ti	132
#196	Rifaximin:ab,ti	577
#197	Ristocetin:ab,ti	141
#198	Rolitetracycline:ab,ti	4
#199	Roxarsone:ab,ti	1
#200	Roxithromycin:ab,ti	253
#201	Rutamycin:ab,ti	0
#202	Sirolimus:ab,ti	2 460
#203	Sisomicin:ab,ti	58
#204	Spectinomycin:ab,ti	100
#205	Spiramycin:ab,ti	88
#206	Streptogramin A:ab,ti	12
#207	Streptogramin Group A:ab,ti	7
#208	Streptogramin Group B:ab,ti	1
#209	Streptogramins:ab,ti	5
#210	Streptomycin:ab,ti	449
#211	Streptovaricin:ab,ti	0



#212	Sulbactam:ab,ti	452
#213	Sulbenicillin:ab,ti	6
#214	Sulfacetamide:ab,ti	27
#215	Sulfadiazine:ab,ti	353
#216	Sulfamerazine:ab,ti	1
#217	Sulfamethoxypyridazine:ab,ti	4
#218	Sulfanilamide:ab,ti	14
#219	Sulfasalazine:ab,ti	785
#220	Sulfisoxazole:ab,ti	54
#221	Sulfamethizole:ab,ti	18
#222	Talampicillin:ab,ti	17
#223	Tazobactam:ab,ti	515
#224	Teicoplanin:ab,ti	250
#225	telavancin:ab,ti	58
#226	Thiamphenicol:ab,ti	43
#227	Thienamycins:ab,ti	0
#228	Thiostrepton:ab,ti	1
#229	Ticarcillin:ab,ti	234
#230	Tigecycline:ab,ti	144
#231	Tinidazole:ab,ti	534
#232	Tinidazole:ab,ti	534
#233	Tobramycin:ab,ti	1 282
#234	torezolid:ab,ti	3
#235	tedizolid:ab,ti	55
#236	Trimethoprim:ab,ti	1 422
#237	Sulfamethoxazole:ab,ti	981
#238	Temocillin:ab,ti	22



#239	Troleandomycin:ab,ti	31
#240	Tunicamycin:ab,ti	5
#241	Tylosin:ab,ti	5
#242	Tyrocidine:ab,ti	0
#243	Tyrothrinicin:ab,ti	14
#244	Valinomycin:ab,ti	1
#245	Vancomycin:ab,ti	1 687
#246	Vernamycin B:ab,ti	0
#247	Viomycin:ab,ti	3
#248	Virginiamycin:ab,ti	5
#249	amox-clav:ab,ti	9
#250	amoxicillin-clavulanic acid:ab,ti	375
#251	augmentin:ab,ti	213
#252	brl-25000:ab,ti	3
#253	brl25000:ab,ti	5
#254	clavulin:ab,ti	3
#255	co-amoxiclav:ab,ti	153
#256	coamoxiclav:ab,ti	158
#257	spektramox:ab,ti	5
#258	synulox:ab,ti	0
#259	brl-14151:ab,ti	0
#260	brl14151:ab,ti	0
#261	mm-14151:ab,ti	0
#262	mm14151:ab,ti	0
#263	tazocel:ab,ti	0
#264	tazocillin:ab,ti	2
#265	tazocin:ab,ti	16



#266	zosyn:ab,ti	4
#267	betamaze:ab,ti	0
#268	cp-45899:ab,ti	0
#269	cp45899:ab,ti	0
#270	combactam:ab,ti	2
#271	ytr 830h:ab,ti	0
#272	ytr-830:ab,ti	0
#273	ytr830:ab,ti	0
#274	#37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80 or #81 or #82 or #83 or #84 or #85 or #86 or #87 or #88 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 or #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120 or #121 or #122 or #123 or #124 or #125 or #126 or #127 or #128 or #129 or #130 or #131 or #132 or #133 or #134 or #135 or #136 or #137 or #138 or #139 or #140 or #141 or #142 or #143 or #144 or #145 or #146 or #147 or #148 or #149 or #150 or #151 or #152 or #153 or #154 or #155 or #156 or #157 or #158 or #159 or #160 or #161 or #162 or #163 or #164 or #165 or #166 or #167 or #168 or #169 or #170 or #171 or #172 or #173 or #174 or #175 or #176 or #177 or #178 or #179 or #180 or #181 or #182 or #183 or #184 or #185 or #186 or #187 or #188 or #189 or #190 or #191 or #192 or #193 or #194 or #195 or #196 or #197 or #198 or #199 or #200 or #201 or #202 or #203 or #204 or #205 or #206 or #207 or #208 or #209 or #210 or #211 or #212 or #213 or #214 or #215 or #216 or #217 or #218 or #219 or #220 or #221 or #222 or #223 or #224 or #225 or #226 or #227 or #228 or #229 or #230 or #231 or #232 or #233 or #234 or #235 or #236 or #237 or #238 or #239 or #240 or #241 or #242 or #243 or #244 or #245 or #246 or #247 or #248 or #249 or #250 or #251 or #252 or #253 or #254 or #255 or #256 or #257 or #258 or #259 or #260 or #261 or #262 or #263 or #264 or #265 or #266 or #267 or #268 or #269 or #270 or #271 or #272 or #273	40 221
#275	#13 or #21 or #36 or #274	69 196
#276	#12 AND #275	301
#277	#276 with Cochrane Library publication date Between Jan 2000 and Dec 2019	265
<b>Comments</b>		

2.6.1.3 *Embase*

Date	22 November 2019	Results
Database	Embase.com	
Search strategy		
ID	Search	Results
#1	'aggressive periodontitis'/exp OR 'aggressive periodontitis'	1 784
#2	(aggressive NEAR/3 periodontitis):ab,ti,kw	1 606
#3	(severe NEAR/3 periodontitis):ab,ti,kw	2 109
#4	(circumpubertal NEAR/3 periodontitis):ab,ti,kw	2
#5	(prepubertal NEAR/3 periodontitis):ab,ti,kw	96
#6	('early onset' NEAR/3 periodontitis):ab,ti,kw	321
#7	(juvenile NEAR/3 periodontitis):ab,ti,kw	842
#8	periodontoses:ab,ti,kw	9
#9	periodontosis:ab,ti,kw	438
#10	paradentosis:ab,ti,kw	150
#11	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10	5 168
#12	#1 OR #11	5 347
#13	'antiinfective agent'/exp	3 534 619
#14	antibiotic*:ab,ti,kw,jt	460 570
#15	'anti biotic*':ab,ti,kw,jt	309
#16	bacteriocid*:ab,ti,kw,jt	712
#17	anti\$bacterial*:ab,ti,kw,jt	98 762
#18	anti\$mycobacterial*:ab,ti,kw,jt	4 731
#19	anti\$infect*:ab,ti,kw,jt	1 720
#20	anti\$microbial*:ab,ti,kw,jt	256 887
#21	#14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20	703 071
#22	aminoglycoside\$:ab,ti,kw,tn	23 738



#23	ansamycin\$:ab,ti,kw,tn	739
#24	(('beta lactamase' OR 'b lactamase') NEAR/3 (antagonist\$ OR inhibitor\$)):ab,ti,kw,jt	1 100
#25	carbapenem\$:ab,ti,kw,tn	17 137
#26	penicillin\$:ab,ti,kw,tn	65 207
#27	cephalosporin\$:ab,ti,kw,tn	28 942
#28	lincosamide\$:ab,ti,kw,tn	1 760
#29	macrolide\$:ab,ti,kw,tn	21 211
#30	monobactam\$:ab,ti,kw,tn	959
#31	nitrofuran\$:ab,ti,kw,tn	1 537
#32	oxazolidinone\$:ab,ti,kw,tn	3 162
#33	carboxypenicillin\$:ab,ti,kw,tn	55
#34	sulfonamide\$:ab,ti,kw,tn	17 258
#35	tetracycline\$:ab,ti,kw,tn	41 951
#36	#22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35	189 169
#37	alamethicin:ab,ti,kw,rn,tn	849
#38	amikacin:ab,ti,kw,rn,tn	13 225
#39	amoxicillin:ab,ti,kw,rn,tn	21 911
#40	'amoxicillin potassium':ab,ti,kw,rn,tn	34
#41	'amphotericin b':ab,ti,kw,rn,tn	23 003
#42	ampicillin:ab,ti,kw,rn,tn	28 408
#43	anisomycin:ab,ti,kw,rn,tn	1 850
#44	'antimycin a':ab,ti,kw,rn,tn	2 696
#45	aurodox:ab,ti,kw,rn,tn	39
#46	azithromycin:ab,ti,kw,rn,tn	12 391
#47	aztreonam:ab,ti,kw,rn,tn	4 264
#48	bacitracin:ab,ti,kw,rn,tn	3 514
#49	bacteriocin\$:ab,ti,kw,rn,tn	6 134



#50	bambermycin\$:ab,ti,kw,rn,tn	39
#51	'bongrekic acid':ab,ti,kw,rn,tn	402
#52	'brefeldin a':ab,ti,kw,rn,tn	4 157
#53	butirosin:ab,ti,kw,rn,tn	136
#54	calcimycin:ab,ti,kw,rn,tn	235
#55	candididin:ab,ti,kw,rn,tn	168
#56	capreomycin:ab,ti,kw,rn,tn	729
#57	carbenicillin:ab,ti,kw,rn,tn	2 753
#58	carfecillin:ab,ti,kw,rn,tn	82
#59	cefaclor:ab,ti,kw,rn,tn	2 351
#60	cefadroxil:ab,ti,kw,rn,tn	932
#61	cefamandole:ab,ti,kw,rn,tn	1 543
#62	cefatrizine:ab,ti,kw,rn,tn	200
#63	cefazolin:ab,ti,kw,rn,tn	5 825
#64	cefdinir:ab,ti,kw,rn,tn	707
#65	cefepime:ab,ti,kw,rn,tn	5 319
#66	cefixime:ab,ti,kw,rn,tn	2 621
#67	cefmenoxime:ab,ti,kw,rn,tn	610
#68	cefmetazole:ab,ti,kw,rn,tn	833
#69	cefonicid:ab,ti,kw,rn,tn	292
#70	cefoperazone:ab,ti,kw,rn,tn	3 724
#71	cefotaxime:ab,ti,kw,rn,tn	10 898
#72	cefotetan:ab,ti,kw,rn,tn	1 023
#73	cefotiam:ab,ti,kw,rn,tn	1 049
#74	cefoxitin:ab,ti,kw,rn,tn	5 399
#75	cefsulodin:ab,ti,kw,rn,tn	735
#76	ceftazidime:ab,ti,kw,rn,tn	12 255



#77	ceftibuten:ab,ti,kw,rn,tn	396
#78	ceftizoxime:ab,ti,kw,rn,tn	1 275
#79	ceftriaxone:ab,ti,kw,rn,tn	16 227
#80	cefuroxime:ab,ti,kw,rn,tn	6 049
#81	cephacetrile:ab,ti,kw,rn,tn	193
#82	cephalexin:ab,ti,kw,rn,tn	3 441
#83	cephaloglycin:ab,ti,kw,rn,tn	100
#84	cephaloridine:ab,ti,kw,rn,tn	1 409
#85	cephalothin:ab,ti,kw,rn,tn	3 362
#86	cephamycin\$:ab,ti,kw,rn,tn	904
#87	cephapirin:ab,ti,kw,rn,tn	404
#88	cephradine:ab,ti,kw,rn,tn	741
#89	chloramphenicol:ab,ti,kw,rn,tn	28 135
#90	chlortetracycline:ab,ti,kw,rn,tn	2 800
#91	ciprofloxacin:ab,ti,kw,rn,tn	34 545
#92	citrinin:ab,ti,kw,rn,tn	931
#93	clarithromycin:ab,ti,kw,rn,tn	13 369
#94	"clavulanic acid\$":ab,ti,kw,rn,tn	7 309
#95	clavulanate:ab,ti,kw,rn,tn	4 650
#96	clindamycin:ab,ti,kw,rn,tn	13 678
#97	cloxacillin:ab,ti,kw,rn,tn	2 158
#98	colistin:ab,ti,kw,rn,tn	7 936
#99	cyclacillin:ab,ti,kw,rn,tn	97
#100	dactinomycin:ab,ti,kw,rn,tn	1 091
#101	dalbavancin:ab,ti,kw,rn,tn	504
#102	daptomycin:ab,ti,kw,rn,tn	4 253
#103	demeclocycline:ab,ti,kw,rn,tn	392



#104	dibekacin:ab,ti,kw,rn,tn	431
#105	dicloxacillin:ab,ti,kw,rn,tn	845
#106	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#107	diketopiperazines:ab,ti,kw,rn,tn	641
#108	distamycins:ab,ti,kw,rn,tn	35
#109	doripenem:ab,ti,kw,rn,tn	994
#110	doxycycline:ab,ti,kw,rn,tn	19 068
#111	echinomycin:ab,ti,kw,rn,tn	316
#112	edeine:ab,ti,kw,rn,tn	120
#113	enoxacin:ab,ti,kw,rn,tn	1 292
#114	enrofloxacin:ab,ti,kw,rn,tn	2 839
#115	enviomycin:ab,ti,kw,rn,tn	54
#116	ertapenem:ab,ti,kw,rn,tn	2 442
#117	erythromycin:ab,ti,kw,rn,tn	24 991
#118	fidaxomicin:ab,ti,kw,rn,tn	696
#119	filipin:ab,ti,kw,rn,tn	1 550
#120	floxacillin:ab,ti,kw,rn,tn	15
#121	flucloxacillin:ab,ti,kw,rn,tn	1 418
#122	fosfomycin:ab,ti,kw,rn,tn	4 026
#123	framycetin:ab,ti,kw,rn,tn	222
#124	'fusidic acid':ab,ti,kw,rn,tn	2 173
#125	furazolidone:ab,ti,kw,rn,tn	1 624
#126	gatifloxacin:ab,ti,kw,rn,tn	2 151
#127	gatifloxacin:ab,ti,kw,rn,tn	2 151
#128	gentamicins:ab,ti,kw,rn,tn	89
#129	gramicidin:ab,ti,kw,rn,tn	3 682
#130	'hygromycin b':ab,ti,kw,rn,tn	954



#131	imipenem:ab,ti,kw,rn,tn	14 762
#132	josamycin:ab,ti,kw,rn,tn	873
#133	kanamycin:ab,ti,kw,rn,tn	9 784
#134	kitasamycin:ab,ti,kw,rn,tn	95
#135	lactams:ab,ti,kw,rn,tn	13 288
#136	lasalocid:ab,ti,kw,rn,tn	643
#137	leucomycins:ab,ti,kw,rn,tn	26
#138	levofloxacin:ab,ti,kw,rn,tn	11 852
#139	lincomycin:ab,ti,kw,rn,tn	2 692
#140	lincosamides:ab,ti,kw,rn,tn	817
#141	linezolid:ab,ti,kw,rn,tn	8 302
#142	lomefloxacin:ab,ti,kw,rn,tn	1 131
#143	lucensomycin:ab,ti,kw,rn,tn	31
#144	lymecycline:ab,ti,kw,rn,tn	157
#145	mafénide:ab,ti,kw,rn,tn	199
#146	mepartricin:ab,ti,kw,rn,tn	137
#147	meropenem:ab,ti,kw,rn,tn	10 576
#148	methacycline:ab,ti,kw,rn,tn	211
#149	methicillin:ab,ti,kw,rn,tn	41 315
#150	metronidazole:ab,ti,kw,rn,tn	21 677
#151	mezlocillin:ab,ti,kw,rn,tn	1 215
#152	mikamycin:ab,ti,kw,rn,tn	43
#153	minocycline:ab,ti,kw,rn,tn	8 994
#154	miocamycin:ab,ti,kw,rn,tn	156
#155	moxalactam:ab,ti,kw,rn,tn	1 460
#156	moxifloxacin:ab,ti,kw,rn,tn	6 437
#157	mupirocin:ab,ti,kw,rn,tn	2 478



#158	mycobacillin:ab,ti,kw,rn,tn	61
#159	nadifloxacin:ab,ti,kw,rn,tn	136
#160	nafcillin:ab,ti,kw,rn,tn	879
#161	'nalidixic acid':ab,ti,kw,rn,tn	6 331
#162	natamycin:ab,ti,kw,rn,tn	737
#163	nebramycin:ab,ti,kw,rn,tn	40
#164	neomycin:ab,ti,kw,rn,tn	10 527
#165	netilmicin:ab,ti,kw,rn,tn	2 264
#166	netropsin:ab,ti,kw,rn,tn	652
#167	nigericin:ab,ti,kw,rn,tn	1 722
#168	nisin:ab,ti,kw,rn,tn	2 337
#169	nitrofurantoin:ab,ti,kw,rn,tn	4 755
#170	norfloxacin:ab,ti,kw,rn,tn	5 866
#171	novobiocin:ab,ti,kw,rn,tn	2 577
#172	nystatin:ab,ti,kw,rn,tn	4 516
#173	ofloxacin:ab,ti,kw,rn,tn	8 919
#174	oleandomycin:ab,ti,kw,rn,tn	790
#175	oligomycin\$:ab,ti,kw,rn,tn	3 847
#176	oritavancin:ab,ti,kw,rn,tn	430
#177	oxacillin:ab,ti,kw,rn,tn	5 718
#178	'oxolinic acid':ab,ti,kw,rn,tn	727
#179	oxytetracycline:ab,ti,kw,rn,tn	5 403
#180	paromomycin:ab,ti,kw,rn,tn	1 479
#181	pefloxacin:ab,ti,kw,rn,tn	1 613
#182	pefloxacin:ab,ti,kw,rn,tn	1 613
#183	'penicillic acid':ab,ti,kw,rn,tn	255
#184	'penicillin g':ab,ti,kw,rn,tn	7 581



#185	'penicillin v':ab,ti,kw,rn,tn	1 412
#186	'pipemidic acid':ab,ti,kw,rn,tn	631
#187	piperacillin:ab,ti,kw,rn,tn	10 837
#188	pivampicillin:ab,ti,kw,rn,tn	411
#189	'polymyxin b':ab,ti,kw,rn,tn	5 885
#190	polymyxins:ab,ti,kw,rn,tn	1 006
#191	pristinamycin:ab,ti,kw,rn,tn	591
#192	prodigiosin:ab,ti,kw,rn,tn	614
#193	ribostamycin:ab,ti,kw,rn,tn	193
#194	rifabutin:ab,ti,kw,rn,tn	1 591
#195	rifamycin\$:ab,ti,kw,rn,tn	2 350
#196	rifaximin:ab,ti,kw,rn,tn	2 276
#197	ristocetin:ab,ti,kw,rn,tn	4 127
#198	rolitetracycline:ab,ti,kw,rn,tn	129
#199	roxarsone:ab,ti,kw,rn,tn	231
#200	roxithromycin:ab,ti,kw,rn,tn	1 825
#201	rutamycin:ab,ti,kw,rn,tn	68
#202	sirolimus:ab,ti,kw,rn,tn	14 631
#203	sisomicin:ab,ti,kw,rn,tn	895
#204	spectinomycin:ab,ti,kw,rn,tn	2 415
#205	spiramycin:ab,ti,kw,rn,tn	1 458
#206	'streptogramin a':ab,ti,kw,rn,tn	113
#207	'streptogramin group a':ab,ti,kw,rn,tn	5
#208	'streptogramin group b':ab,ti,kw,rn,tn	5
#209	streptogramins:ab,ti,kw,rn,tn	385
#210	streptomycin:ab,ti,kw,rn,tn	23 485
#211	streptovaricin:ab,ti,kw,rn,tn	94



#212	sulbactam:ab,ti,kw,rn,tn	5 050
#213	sulbenicillin:ab,ti,kw,rn,tn	191
#214	sulfacetamide:ab,ti,kw,rn,tn	314
#215	sulfadiazine:ab,ti,kw,rn,tn	3 841
#216	sulfamerazine:ab,ti,kw,rn,tn	435
#217	sulfamethoxypyridazine:ab,ti,kw,rn,tn	335
#218	sulfanilamide:ab,ti,kw,rn,tn	1 302
#219	sulfasalazine:ab,ti,kw,rn,tn	5 352
#220	sulfisoxazole:ab,ti,kw,rn,tn	777
#221	sulfamethizole:ab,ti,kw,rn,tn	226
#222	talampicillin:ab,ti,kw,rn,tn	148
#223	tazobactam:ab,ti,kw,rn,tn	8 176
#224	teicoplanin:ab,ti,kw,rn,tn	4 918
#225	telavancin:ab,ti,kw,rn,tn	522
#226	thiamphenicol:ab,ti,kw,rn,tn	863
#227	thienamycins:ab,ti,kw,rn,tn	9
#228	thiostrepton:ab,ti,kw,rn,tn	602
#229	ticarcillin:ab,ti,kw,rn,tn	2 512
#230	tigecycline:ab,ti,kw,rn,tn	4 575
#231	tinidazole:ab,ti,kw,rn,tn	1 822
#232	tinidazole:ab,ti,kw,rn,tn	1 822
#233	tobramycin:ab,ti,kw,rn,tn	9 238
#234	torezolid:ab,ti,kw,rn,tn	41
#235	tedizolid:ab,ti,kw,rn,tn	363
#236	trimethoprim:ab,ti,kw,rn,tn	20 623
#237	sulfamethoxazole:ab,ti,kw,rn,tn	15 592
#238	temocillin:ab,ti,kw,rn,tn	370



#239	troleandomycin:ab,ti,kw,rn,tn	662
#240	tunicamycin:ab,ti,kw,rn,tn	5 988
#241	tylosin:ab,ti,kw,rn,tn	1 657
#242	tyrocidine:ab,ti,kw,rn,tn	193
#243	tyrothricin:ab,ti,kw,rn,tn	214
#244	valinomycin:ab,ti,kw,rn,tn	3 081
#245	vancomycin:ab,ti,kw,rn,tn	38 415
#246	vernamicin AND b:ab,ti,kw,rn,tn	23
#247	viomycin:ab,ti,kw,rn,tn	470
#248	virginiamycin:ab,ti,kw,rn,tn	593
#249	'amox clav':ab,ti,kw,rn,tn	30
#250	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 325
#251	augmentin:ab,ti,kw,rn,tn	3 914
#252	'brl 25000':ab,ti,kw,rn,tn	107
#253	brl25000:ab,ti,kw,rn,tn	80
#254	clavulin:ab,ti,kw,rn,tn	58
#255	'co amoxiclav':ab,ti,kw,rn,tn	951
#256	coamoxiclav:ab,ti,kw,rn,tn	178
#257	spektramox:ab,ti,kw,rn,tn	22
#258	synulox:ab,ti,kw,rn,tn	133
#259	'brl 14151':ab,ti,kw,rn,tn	20
#260	brl14151:ab,ti,kw,rn,tn	3
#261	'mm 14151':ab,ti,kw,rn,tn	2
#262	mm14151:ab,ti,kw,rn,tn	0
#263	tazocel:ab,ti,kw,rn,tn	8
#264	tazocillin:ab,ti,kw,rn,tn	27
#265	tazocin:ab,ti,kw,rn,tn	539



#266	zosyn:ab,ti,kw,rn,tn	617
#267	betamaze:ab,ti,kw,rn,tn	5
#268	'cp 45899':ab,ti,kw,rn,tn	76
#269	cp45899:ab,ti,kw,rn,tn	1
#270	combactam:ab,ti,kw,rn,tn	42
#271	'ytr 830h':ab,ti,kw,rn,tn	21
#272	'ytr 830':ab,ti,kw,rn,tn	44
#273	ytr830:ab,ti,kw,rn,tn	1
#274	#37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273	512 495
#275	#13 OR #21 OR #36 OR #274	3 759 112
#276	#12 AND #275	1 100
#277	#276 AND [2000-2019]/py	869
#278	#277 NOT [medline]/lim	163
#279	#278 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	120
#280	#279 AND ('meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review')	3



#281	#279 AND (random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti))	22
#282	#281 NOT #280	20
#283	#279 NOT (#280 OR #282)	97
<b>Comments</b>		

## 2.7 Periodontal abscess in the permanent dentition

### 2.7.1 Systematic reviews, RCTs and other (primary) studies

#### 2.7.1.1 Ovid MEDLINE

Date	27 November 2019	Results
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to November 27, 2019>	
Search strategy		
ID	Search	
1	Periodontal Abscess/	627
2	pericoronitis/	435
3	1 or 2	1 041
4	(periodont* adj5 abscess*).ab,ti,kf.	435
5	(lateral adj5 abscess*).ab,ti,kf.	207
6	(parietal adj5 abscess*).ab,ti,kf.	138
7	(gingival adj5 abscess*).ab,ti,kf.	56
8	(dental adj5 abscess*).ab,ti,kf.	605
9	((tooth or teeth) adj5 abscess*).ab,ti,kf.	442
10	(odontogenic adj5 abscess*).ab,ti,kf.	264
11	(molar? adj5 abscess*).ab,ti,kf.	62
12	(incisor? adj5 abscess*).ab,ti,kf.	22
13	(canine? adj5 abscess*).ab,ti,kf.	31



14	(premolar? adj5 abscess*).ab,ti,kf.	10
15	(cuspid? adj5 abscess*).ab,ti,kf.	1
16	(bicupid? adj5 abscess*).ab,ti,kf.	5
17	(dentoalveolar adj5 abscess*).ab,ti,kf.	87
18	(dento-alveolar adj5 abscess*).ab,ti,kf.	30
19	pericoronitis.ab,ti,kf.	330
20	4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19	2 339
21	3 or 20	2 946
22	exp Anti-Bacterial Agents/	711 403
23	antibiotic*.ab,ti,kf,jw.	346 110
24	anti-biotic*.ab,ti,kf,jw.	125
25	bacteriocid*.ab,ti,kf,jw.	580
26	anti?bacterial*.ab,ti,kf,jw.	71 757
27	anti?mycobacterial*.ab,ti,kf,jw.	3 710
28	anti?infect*.ab,ti,kf,jw.	2 633
29	anti?microbial*.ab,ti,kf,jw.	203 008
30	23 or 24 or 25 or 26 or 27 or 28 or 29	538 018
31	Aminoglycoside?.ab,ti,kf,nm.	23 602
32	Ansamycin?.ab,ti,kf,nm.	561
33	(("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?)).ab,ti,kf,jw.	2 909
34	Carbapenem?.ab,ti,kf,nm.	12 661
35	penicillin?.ab,ti,kf,nm.	77 438
36	Cephalosporin?.ab,ti,kf,nm.	31 869
37	Lincosamide?.ab,ti,kf,nm.	1 601
38	macrolide?.ab,ti,kf,nm.	23 000
39	Monobactam?.ab,ti,kf,nm.	935
40	Nitrofuran?.ab,ti,kf,nm.	2 555



41	Oxazolidinone?.ab,ti,kf,nm.	5 157
42	carboxypenicillin?.ab,ti,kf,nm.	48
43	sulfonamide?.ab,ti,kf,nm.	53 490
44	Tetracycline?.ab,ti,kf,nm.	45 479
45	31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44	243 170
46	Alamethicin.ab,ti,kf,nm.	840
47	Amikacin.ab,ti,kf,nm.	9 974
48	Amoxicillin.ab,ti,kf,nm.	19 517
49	Amoxicillin-Potassium.ab,ti,kf,nm.	2 531
50	Amphotericin B.ab,ti,kf,nm.	23 150
51	Ampicillin.ab,ti,kf,nm.	28 760
52	Anisomycin.ab,ti,kf,nm.	1 978
53	Antimycin A.ab,ti,kf,nm.	4 353
54	Aurodox.ab,ti,kf,nm.	35
55	Azithromycin.ab,ti,kf,nm.	8 812
56	Aztreonam.ab,ti,kf,nm.	3 270
57	Bacitracin.ab,ti,kf,nm.	4 173
58	Bacteriocin?.ab,ti,kf,nm.	8 095
59	Bambermycin?.ab,ti,kf,nm.	135
60	Bongrekic Acid.ab,ti,kf,nm.	456
61	Brefeldin A.ab,ti,kf,nm.	4 153
62	Butirosin.ab,ti,kf,nm.	152
63	Calcimycin.ab,ti,kf,nm.	11 932
64	Candididin.ab,ti,kf,nm.	306
65	Capreomycin.ab,ti,kf,nm.	666
66	Carbenicillin.ab,ti,kf,nm.	3 293
67	Carfecillin.ab,ti,kf,nm.	37



68	Cefaclor.ab,ti,kf,nm.	1 777
69	Cefadroxil.ab,ti,kf,nm.	725
70	Cefamandole.ab,ti,kf,nm.	1 647
71	Cefatrizine.ab,ti,kf,nm.	117
72	Cefazolin.ab,ti,kf,nm.	5 193
73	Cefdinir.ab,ti,kf,nm.	430
74	Cefepime.ab,ti,kf,nm.	3 355
75	Cefixime.ab,ti,kf,nm.	1 723
76	Cefmenoxime.ab,ti,kf,nm.	521
77	Cefmetazole.ab,ti,kf,nm.	691
78	Cefonicid.ab,ti,kf,nm.	253
79	Cefoperazone.ab,ti,kf,nm.	2 702
80	Cefotaxime.ab,ti,kf,nm.	10 612
81	Cefotetan.ab,ti,kf,nm.	800
82	Cefotiam.ab,ti,kf,nm.	688
83	Cefoxitin.ab,ti,kf,nm.	4 598
84	Cefsulodin.ab,ti,kf,nm.	632
85	Ceftazidime.ab,ti,kf,nm.	9 466
86	Ceftibuten.ab,ti,kf,nm.	318
87	Ceftizoxime.ab,ti,kf,nm.	1 579
88	Ceftriaxone.ab,ti,kf,nm.	12 196
89	Cefuroxime.ab,ti,kf,nm.	4 822
90	Cephacetrile.ab,ti,kf,nm.	163
91	Cephalexin.ab,ti,kf,nm.	3 523
92	Cephaloglycin.ab,ti,kf,nm.	131
93	Cephalaridine.ab,ti,kf,nm.	2 068
94	Cephalothin.ab,ti,kf,nm.	4 435



95	Cephamycin?.ab,ti,kf,nm.	1 680
96	Cephapirin.ab,ti,kf,nm.	615
97	Cephradine.ab,ti,kf,nm.	874
98	Chloramphenicol.ab,ti,kf,nm.	40 295
99	Chlortetracycline.ab,ti,kf,nm.	6 583
100	Ciprofloxacin.ab,ti,kf,nm.	27 567
101	Citrinin.ab,ti,kf,nm.	861
102	Clarithromycin.ab,ti,kf,nm.	10 350
103	Clavulanic Acid?.ab,ti,kf,nm.	6 299
104	clavulanate.ab,ti,kf,nm.	5 108
105	Clindamycin.ab,ti,kf,nm.	11 952
106	Cloxacillin.ab,ti,kf,nm.	2 673
107	Colistin.ab,ti,kf,nm.	7 218
108	Cyclacillin.ab,ti,kf,nm.	110
109	Dactinomycin.ab,ti,kf,nm.	19 124
110	dalbavancin.ab,ti,kf,nm.	419
111	Daptomycin.ab,ti,kf,nm.	3 135
112	Demeclocycline.ab,ti,kf,nm.	1 019
113	Dibekacin.ab,ti,kf,nm.	630
114	Dicloxacillin.ab,ti,kf,nm.	909
115	Dihydrostreptomycin.ab,ti,kf,nm.	1 564
116	Diketopiperazines.ab,ti,kf,nm.	904
117	Distamycins.ab,ti,kf,nm.	779
118	Doripenem.ab,ti,kf,nm.	653
119	Doxycycline.ab,ti,kf,nm.	16 465
120	Echinomycin.ab,ti,kf,nm.	334
121	Edeine.ab,ti,kf,nm.	144



122	Enoxacin.ab,ti,kf,nm.	1 131
123	Enrofloxacin.ab,ti,kf,nm.	2 571
124	Enviomycin.ab,ti,kf,nm.	75
125	Ertapenem.ab,ti,kf,nm.	1 561
126	Erythromycin.ab,ti,kf,nm.	25 748
127	Fidaxomicin.ab,ti,kf,nm.	496
128	Filipin.ab,ti,kf,nm.	1 439
129	Floxacillin.ab,ti,kf,nm.	737
130	Flucloxacillin.ab,ti,kf,nm.	844
131	Fosfomycin.ab,ti,kf,nm.	3 277
132	Framycetin.ab,ti,kf,nm.	564
133	Fusidic Acid.ab,ti,kf,nm.	2 488
134	furazolidone.ab,ti,kf,nm.	1 821
135	Gatifloxacin.ab,ti,kf,nm.	1 723
136	Gatifloxacin.ab,ti,kf,nm.	1 723
137	Gentamicins.ab,ti,kf,nm.	18 117
138	Gramicidin.ab,ti,kf,nm.	4 072
139	Hygromycin B.ab,ti,kf,nm.	1 511
140	Imipenem.ab,ti,kf,nm.	10 815
141	Josamycin.ab,ti,kf,nm.	722
142	Kanamycin.ab,ti,kf,nm.	13 765
143	Kitasamycin.ab,ti,kf,nm.	127
144	Lactams.ab,ti,kf,nm.	19 675
145	Lasalocid.ab,ti,kf,nm.	915
146	Leucomycins.ab,ti,kf,nm.	1 851
147	Levofloxacin.ab,ti,kf,nm.	7 595
148	Lincomycin.ab,ti,kf,nm.	3 381



149	Lincosamides.ab,ti,kf,nm.	972
150	Linezolid.ab,ti,kf,nm.	5 870
151	Lomefloxacin.ab,ti,kf,nm.	908
152	Lucensomycin.ab,ti,kf,nm.	41
153	Lymecycline.ab,ti,kf,nm.	172
154	Mafenide.ab,ti,kf,nm.	270
155	Mepartricin.ab,ti,kf,nm.	104
156	Meropenem.ab,ti,kf,nm.	6 723
157	Methacycline.ab,ti,kf,nm.	415
158	Methicillin.ab,ti,kf,nm.	33 455
159	Metronidazole.ab,ti,kf,nm.	19 361
160	Mezlocillin.ab,ti,kf,nm.	1 039
161	Mikamycin.ab,ti,kf,nm.	46
162	Minocycline.ab,ti,kf,nm.	8 698
163	Miocamycin.ab,ti,kf,nm.	311
164	Moxalactam.ab,ti,kf,nm.	1 529
165	Moxifloxacin.ab,ti,kf,nm.	4 754
166	Mupirocin.ab,ti,kf,nm.	1 993
167	Mycobacillin.ab,ti,kf,nm.	59
168	Nadifloxacin.ab,ti,kf,nm.	96
169	Nafcillin.ab,ti,kf,nm.	966
170	Nalidixic Acid.ab,ti,kf,nm.	6 658
171	Natamycin.ab,ti,kf,nm.	1 029
172	Nebramycin.ab,ti,kf,nm.	169
173	Neomycin.ab,ti,kf,nm.	13 259
174	Netilmicin.ab,ti,kf,nm.	1 941
175	Netropsin.ab,ti,kf,nm.	750



176	Nigericin.ab,ti,kf,nm.	2 131
177	Nisin.ab,ti,kf,nm.	2 279
178	Nitrofurantoin.ab,ti,kf,nm.	4 538
179	Norfloxacin.ab,ti,kf,nm.	4 967
180	Novobiocin.ab,ti,kf,nm.	3 284
181	Nystatin.ab,ti,kf,nm.	5 122
182	Ofloxacin.ab,ti,kf,nm.	9 501
183	Oleandomycin.ab,ti,kf,nm.	1 304
184	Oligomycin?.ab,ti,kf,nm.	5 065
185	Oritavancin.ab,ti,kf,nm.	379
186	Oxacillin.ab,ti,kf,nm.	5 513
187	Oxolinic Acid.ab,ti,kf,nm.	720
188	Oxytetracycline.ab,ti,kf,nm.	8 368
189	Paromomycin.ab,ti,kf,nm.	1 871
190	Pefloxacin.ab,ti,kf,nm.	1 415
191	Pefloxacin.ab,ti,kf,nm.	1 415
192	Penicillic Acid.ab,ti,kf,nm.	262
193	Penicillin G.ab,ti,kf,nm.	1 5193
194	Penicillin V.ab,ti,kf,nm.	2 676
195	Pipemidic Acid.ab,ti,kf,nm.	446
196	Piperacillin.ab,ti,kf,nm.	7 236
197	Pivampicillin.ab,ti,kf,nm.	331
198	Polymyxin B.ab,ti,kf,nm.	5 952
199	Polymyxins.ab,ti,kf,nm.	3 482
200	Pristinamycin.ab,ti,kf,nm.	499
201	Prodigiosin.ab,ti,kf,nm.	796
202	Ribostamycin.ab,ti,kf,nm.	189



203	Rifabutin.ab,ti,kf,nm.	2 489
204	Rifamycin?.ab,ti,kf,nm.	3 122
205	Rifaximin.ab,ti,kf,nm.	1 281
206	Ristocetin.ab,ti,kf,nm.	3 164
207	Rolitetracycline.ab,ti,kf,nm.	399
208	Roxarsone.ab,ti,kf,nm.	246
209	Roxithromycin.ab,ti,kf,nm.	1 481
210	Rutamycin.ab,ti,kf,nm.	82
211	Sirolimus.ab,ti,kf,nm.	20 190
212	Sisomicin.ab,ti,kf,nm.	805
213	Spectinomycin.ab,ti,kf,nm.	2 654
214	Spiramycin.ab,ti,kf,nm.	1 508
215	Streptogramin A.ab,ti,kf,nm.	135
216	Streptogramin Group A.ab,ti,kf,nm.	9
217	Streptogramin Group B.ab,ti,kf,nm.	26
218	Streptogramins.ab,ti,kf,nm.	390
219	Streptomycin.ab,ti,kf,nm.	30 983
220	Streptovaricin.ab,ti,kf,nm.	155
221	Sulbactam.ab,ti,kf,nm.	3 562
222	Sulbenicillin.ab,ti,kf,nm.	174
223	Sulfacetamide.ab,ti,kf,nm.	475
224	Sulfadiazine.ab,ti,kf,nm.	5 199
225	Sulfamerazine.ab,ti,kf,nm.	689
226	Sulfamethoxypyridazine.ab,ti,kf,nm.	752
227	Sulfanilamide.ab,ti,kf,nm.	7 126
228	Sulfasalazine.ab,ti,kf,nm.	5 703
229	Sulfisoxazole.ab,ti,kf,nm.	1 324



230	Sulfamethizole.ab,ti,kf,nm.	420
231	Talampicillin.ab,ti,kf,nm.	104
232	Tazobactam.ab,ti,kf,nm.	4 924
233	Teicoplanin.ab,ti,kf,nm.	3 985
234	telavancin.ab,ti,kf,nm.	408
235	Thiamphenicol.ab,ti,kf,nm.	1 166
236	Thienamycins.ab,ti,kf,nm.	3 579
237	Thiostrepton.ab,ti,kf,nm.	571
238	Ticarcillin.ab,ti,kf,nm.	2 148
239	Tigecycline.ab,ti,kf,nm.	3 180
240	Tinidazole.ab,ti,kf,nm.	1 430
241	Tinidazole.ab,ti,kf,nm.	1 430
242	Tobramycin.ab,ti,kf,nm.	7 667
243	torezolid.ab,ti,kf,nm.	23
244	tedizolid.ab,ti,kf,nm.	296
245	Trimethoprim.ab,ti,kf,nm.	21 727
246	Sulfamethoxazole.ab,ti,kf,nm.	18 250
247	Temocillin.ab,ti,kf,nm.	296
248	Troleandomycin.ab,ti,kf,nm.	887
249	Tunicamycin.ab,ti,kf,nm.	5 840
250	Tylosin.ab,ti,kf,nm.	1 867
251	Tyrocidine.ab,ti,kf,nm.	224
252	Tyrothricin.ab,ti,kf,nm.	797
253	Valinomycin.ab,ti,kf,nm.	4 312
254	Vancomycin.ab,ti,kf,nm.	29 350
255	Vernamycin B.ab,ti,kf,nm.	17
256	Viomycin.ab,ti,kf,nm.	806



257	Virginiamycin.ab,ti,kf,nm.	1 444
258	amox-clav.ab,ti,kf,nm.	14
259	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 316
260	augmentin.ab,ti,kf,nm.	609
261	brl-25000.ab,ti,kf,nm.	31
262	brl25000.ab,ti,kf,nm.	1
263	clavulin.ab,ti,kf,nm.	4
264	co-amoxiclav.ab,ti,kf,nm.	531
265	coamoxiclav.ab,ti,kf,nm.	36
266	spektramox.ab,ti,kf,nm.	6
267	synulox.ab,ti,kf,nm.	5
268	brl-14151.ab,ti,kf,nm.	2
269	brl14151.ab,ti,kf,nm.	0
270	mm-14151.ab,ti,kf,nm.	0
271	mm14151.ab,ti,kf,nm.	0
272	tazocel.ab,ti,kf,nm.	1
273	tazocillin.ab,ti,kf,nm.	9
274	tazocin.ab,ti,kf,nm.	58
275	zosyn.ab,ti,kf,nm.	28
276	betamaze.ab,ti,kf,nm.	0
277	cp-45899.ab,ti,kf,nm.	10
278	cp45899.ab,ti,kf,nm.	0
279	combactam.ab,ti,kf,nm.	3
280	ytr 830h.ab,ti,kf,nm.	9
281	ytr-830.ab,ti,kf,nm.	28
282	ytr830.ab,ti,kf,nm.	0



283	46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or 225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273 or 274 or 275 or 276 or 277 or 278 or 279 or 280 or 281 or 282	554 233
284	22 or 30 or 45 or 283	1 128 671
285	21 and 284	886
286	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ((evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and ((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri*) or 'exclusion criteri*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview* or review or reviews or search* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.))) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	374 763
287	285 and 286	13
288	randomized controlled trial.pt.	495 256
289	controlled clinical trial.pt.	93 439



290	randomized.ti,ab.	498 144
291	placebo.ti,ab.	208 427
292	clinical trials as topic/	189 290
293	randomly.ti,ab.	322 940
294	trial?.ti.	277 849
295	288 or 289 or 290 or 291 or 292 or 293 or 294	1 284 663
296	exp animal/ not humans/	4 646 759
297	295 not 296	1 182 654
298	285 and 297	56
299	298 not 287	50
300	285 not (287 or 299)	823
<b>Comments</b>	SR export: Line 287 RCT export: Line 299 Primary studies export: Line 300	

### 2.7.1.2 Cochrane

<b>Date</b>	4 December 2019	
<b>Database</b>	Cochrane@Wiley.com	
<b>Search strategy</b>		
<b>ID</b>	<b>Search</b>	<b>Results</b>
#1	[mh ^"Periodontal Abscess"]	20
#2	[mh ^"pericoronitis"]	22
#3	#1 OR #2	42
#4	(periodont* NEAR/5 abscess*):ab,ti,kw	45
#5	(lateral NEAR/5 abscess*):ab,ti,kw	2
#6	(parietal NEAR/5 abscess*):ab,ti,kw	2
#7	(gingival NEAR/5 abscess*):ab,ti,kw	7



#8	(dental NEAR/5 abscess*):ab,ti,kw	29
#9	((tooth or teeth) NEAR/5 abscess*):ab,ti,kw	98
#10	(odontogenic NEAR/5 abscess*):ab,ti,kw	12
#11	(molar? NEAR/5 abscess*):ab,ti,kw	5
#12	(incisor? NEAR/5 abscess*):ab,ti,kw	0
#13	(canine? NEAR/5 abscess*):ab,ti,kw	0
#14	(premolar? NEAR/5 abscess*):ab,ti,kw	0
#15	(cuspid? NEAR/5 abscess*):ab,ti,kw	0
#16	(bicuspid? NEAR/5 abscess*):ab,ti,kw	1
#17	(dentoalveolar NEAR/5 abscess*):ab,ti,kw	8
#18	(dento-alveolar NEAR/5 abscess*):ab,ti,kw	3
#19	pericoronitis:ab,ti,kw	89
#20	#4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 or #17 or #18 or #19	268
#21	#3 or #20	268
#22	[mh "Anti-Bacterial Agents"]	11 498
#23	antibiotic*:ab,ti,kw,so	30 428
#24	anti-biotic*:ab,ti,kw,so	34
#25	bacteriocid*:ab,ti,kw,so	27
#26	anti?bacterial*:ab,ti,kw,so	12 760
#27	anti?mycobacterial*:ab,ti,kw,so	96
#28	anti?infect*:ab,ti,kw,so	6 258
#29	anti?microbial*:ab,ti,kw,so	10 604
#30	#23 or #24 or #25 or #26 or #27 or #28 or #29	45 691
#31	Aminoglycoside?:ab,ti	772
#32	Ansamycin?:ab,ti	11
#33	("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?)):ab,ti,kw,so	1 499



#34	Carbapenem?:ab,ti	473
#35	penicillin?:ab,ti	2 309
#36	Cephalosporin?:ab,ti	1 363
#37	Lincosamide?:ab,ti	13
#38	macrolide?:ab,ti	985
#39	Monobactam?:ab,ti	27
#40	Nitrofuran?:ab,ti	13
#41	Oxazolidinone?:ab,ti	90
#42	carboxypenicillin?:ab,ti	3
#43	sulfonamide?:ab,ti	178
#44	Tetracycline?:ab,ti	1 805
#45	#31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44	8 679
#46	Alamethicin:ab,ti	1
#47	Amikacin:ab,ti	770
#48	Amoxicillin:ab,ti	4 123
#49	Amoxicillin-Potassium:ab,ti	10
#50	Amphotericin B:ab,ti	1 012
#51	Ampicillin:ab,ti	1 453
#52	Anisomycin:ab,ti	0
#53	Antimycin A:ab,ti	8
#54	Aurodox:ab,ti	0
#55	Azithromycin:ab,ti	2 284
#56	Aztreonom:ab,ti	345
#57	Bacitracin:ab,ti	146
#58	Bacteriocin?:ab,ti	29
#59	Bambermycin?:ab,ti	0
#60	Bongrekic Acid:ab,ti	0



#61	Brefeldin A:ab,ti	11
#62	Butirosin:ab,ti	0
#63	Calcimycin:ab,ti	4
#64	Candidicidin:ab,ti	7
#65	Capreomycin:ab,ti	19
#66	Carbenicillin:ab,ti	133
#67	Carfecillin:ab,ti	2
#68	Cefaclor:ab,ti	435
#69	Cefadroxil:ab,ti	171
#70	Cefamandole:ab,ti	234
#71	Cefatrizine:ab,ti	21
#72	Cefazolin:ab,ti	831
#73	Cefdinir:ab,ti	104
#74	Cefepime:ab,ti	288
#75	Cefixime:ab,ti	325
#76	Cefmenoxime:ab,ti	31
#77	Cefmetazole:ab,ti	77
#78	Cefonicid:ab,ti	66
#79	Cefoperazone:ab,ti	249
#80	Cefotaxime:ab,ti	703
#81	Cefotetan:ab,ti	170
#82	Cefotiam:ab,ti	117
#83	Cefoxitin:ab,ti	439
#84	Cefsulodin:ab,ti	12
#85	Ceftazidime:ab,ti	935
#86	Ceftibuten:ab,ti	79
#87	Ceftizoxime:ab,ti	137



#88	Ceftriaxone:ab,ti	1 371
#89	Cefuroxime:ab,ti	838
#90	Cephacetrile:ab,ti	9
#91	Cephalexin:ab,ti	389
#92	Cephaloglycin:ab,ti	12
#93	Cephaloridine:ab,ti	72
#94	Cephalothin:ab,ti	179
#95	Cephamycin?:ab,ti	27
#96	Cephapirin:ab,ti	21
#97	Cephradine:ab,ti	113
#98	Chloramphenicol:ab,ti	467
#99	Chlortetracycline:ab,ti	29
#100	Ciprofloxacin:ab,ti	2 315
#101	Citrinin:ab,ti	0
#102	Clarithromycin:ab,ti	2 829
#103	Clavulanic Acid?:ab,ti	729
#104	clavulanate:ab,ti	715
#105	Clindamycin:ab,ti	1 530
#106	Cloxacillin:ab,ti	154
#107	Colistin:ab,ti	340
#108	Cyclacillin:ab,ti	14
#109	Dactinomycin:ab,ti	120
#110	dalbavancin:ab,ti	44
#111	Daptomycin:ab,ti	163
#112	Demeclocycline:ab,ti	22
#113	Dibekacin:ab,ti	8
#114	Dicloxacillin:ab,ti	74



#115	Dihydrostreptomycin:ab,ti	3
#116	Diketopiperazines:ab,ti	3
#117	Distamycins:ab,ti	0
#118	Doripenem:ab,ti	84
#119	Doxycycline:ab,ti	1 782
#120	Echinomycin:ab,ti	1
#121	Edeine:ab,ti	0
#122	Enoxacin:ab,ti	105
#123	Enrofloxacin:ab,ti	11
#124	Enviomycin:ab,ti	0
#125	Ertapenem:ab,ti	162
#126	Erythromycin:ab,ti	1 745
#127	Fidaxomicin:ab,ti	116
#128	Filipin:ab,ti	13
#129	Floxacillin:ab,ti	0
#130	Flucloxacillin:ab,ti	177
#131	Fosfomycin:ab,ti	243
#132	Framycetin:ab,ti	26
#133	Fusidic Acid:ab,ti	176
#134	furazolidone:ab,ti	231
#135	Gatifloxacin:ab,ti	265
#136	Gatifloxacin:ab,ti	265
#137	Gentamicins:ab,ti	1
#138	Gramicidin:ab,ti	29
#139	Hygromycin B:ab,ti	2
#140	Imipenem:ab,ti	604
#141	Josamycin:ab,ti	65



#142	Kanamycin:ab,ti	110
#143	Kitasamycin:ab,ti	1
#144	Lactams:ab,ti	171
#145	Lasalocid:ab,ti	1
#146	Leucomycins:ab,ti	0
#147	Levofloxacin:ab,ti	1 338
#148	Lincomycin:ab,ti	68
#149	Lincosamides:ab,ti	6
#150	Linezolid:ab,ti	433
#151	Lomefloxacin:ab,ti	152
#152	Lucensomycin:ab,ti	0
#153	Lymecycline:ab,ti	57
#154	Mafenide:ab,ti	12
#155	Mepartricin:ab,ti	26
#156	Meropenem:ab,ti	541
#157	Methacycline:ab,ti	15
#158	Methicillin:ab,ti	1 128
#159	Metronidazole:ab,ti	3 962
#160	Mezlocillin:ab,ti	197
#161	Mikamycin:ab,ti	0
#162	Minocycline:ab,ti	899
#163	Miocamycin:ab,ti	14
#164	Moxalactam:ab,ti	129
#165	Moxifloxacin:ab,ti	1 235
#166	Mupirocin:ab,ti	402
#167	Mycobacillin:ab,ti	0
#168	Nadifloxacin:ab,ti	35



#169	Nafcillin:ab,ti	37
#170	Nalidixic Acid:ab,ti	117
#171	Natamycin:ab,ti	61
#172	Nebramycin:ab,ti	0
#173	Neomycin:ab,ti	420
#174	Netilmicin:ab,ti	246
#175	Netropsin:ab,ti	0
#176	Nigericin:ab,ti	1
#177	Nisin:ab,ti	1
#178	Nitrofurantoin:ab,ti	262
#179	Norfloxacin:ab,ti	480
#180	Novobiocin:ab,ti	16
#181	Nystatin:ab,ti	355
#182	Ofloxacin:ab,ti	938
#183	Oleandomycin:ab,ti	5
#184	Oligomycin?:ab,ti	4
#185	Oritavancin:ab,ti	33
#186	Oxacillin:ab,ti	111
#187	Oxolinic Acid:ab,ti	7
#188	Oxytetracycline:ab,ti	157
#189	Paromomycin:ab,ti	96
#190	Pefloxacin:ab,ti	160
#191	Pefloxacin:ab,ti	160
#192	Penicillic Acid:ab,ti	0
#193	Penicillin G:ab,ti	584
#194	Penicillin V:ab,ti	403
#195	Pipemicid Acid:ab,ti	58



#196	Piperacillin:ab,ti	783
#197	Pivampicillin:ab,ti	112
#198	Polymyxin B:ab,ti	288
#199	Polymyxins:ab,ti	15
#200	Pristinamycin:ab,ti	35
#201	Prodigiosin:ab,ti	0
#202	Ribostamycin:ab,ti	5
#203	Rifabutin:ab,ti	203
#204	Rifamycin?:ab,ti	132
#205	Rifaximin:ab,ti	584
#206	Ristocetin:ab,ti	141
#207	Rolitetracycline:ab,ti	4
#208	Roxarsone:ab,ti	1
#209	Roxithromycin:ab,ti	253
#210	Rutamycin:ab,ti	0
#211	Sirolimus:ab,ti	2 471
#212	Sisomicin:ab,ti	58
#213	Spectinomycin:ab,ti	100
#214	Spiramycin:ab,ti	88
#215	Streptogramin A:ab,ti	12
#216	Streptogramin Group A:ab,ti	7
#217	Streptogramin Group B:ab,ti	1
#218	Streptogramins:ab,ti	5
#219	Streptomycin:ab,ti	450
#220	Streptovaricin:ab,ti	0
#221	Sulbactam:ab,ti	458
#222	Sulbenicillin:ab,ti	6



#223	Sulfacetamide:ab,ti	27
#224	Sulfadiazine:ab,ti	354
#225	Sulfamerazine:ab,ti	1
#226	Sulfamethoxypyridazine:ab,ti	4
#227	Sulfanilamide:ab,ti	14
#228	Sulfasalazine:ab,ti	787
#229	Sulfisoxazole:ab,ti	54
#230	Sulfamethizole:ab,ti	18
#231	Talampicillin:ab,ti	17
#232	Tazobactam:ab,ti	522
#233	Teicoplanin:ab,ti	250
#234	telavancin:ab,ti	58
#235	Thiamphenicol:ab,ti	43
#236	Thienamycins:ab,ti	0
#237	Thiostrepton:ab,ti	1
#238	Ticarcillin:ab,ti	234
#239	Tigecycline:ab,ti	146
#240	Tinidazole:ab,ti	535
#241	Tinidazole:ab,ti	535
#242	Tobramycin:ab,ti	1 286
#243	torezolid:ab,ti	3
#244	tedizolid:ab,ti	55
#245	Trimethoprim:ab,ti	1 426
#246	Sulfamethoxazole:ab,ti	984
#247	Temocillin:ab,ti	22
#248	Troleandomycin:ab,ti	31
#249	Tunicamycin:ab,ti	5



#250	Tylosin:ab,ti	5
#251	Tyrocidine:ab,ti	0
#252	Tyrothricin:ab,ti	14
#253	Valinomycin:ab,ti	1
#254	Vancomycin:ab,ti	1 703
#255	Vernamycin B:ab,ti	0
#256	Viomycin:ab,ti	3
#257	Virginiamycin:ab,ti	5
#258	amox-clav:ab,ti	9
#259	amoxicillin-clavulanic acid:ab,ti	375
#260	augmentin:ab,ti	213
#261	brl-25000:ab,ti	3
#262	brl25000:ab,ti	5
#263	clavulin:ab,ti	3
#264	co-amoxiclav:ab,ti	153
#265	coamoxiclav:ab,ti	158
#266	spektramox:ab,ti	5
#267	synulox:ab,ti	0
#268	brl-14151:ab,ti	0
#269	brl14151:ab,ti	0
#270	mm-14151:ab,ti	0
#271	mm14151:ab,ti	0
#272	tazocel:ab,ti	0
#273	tazocillin:ab,ti	2
#274	tazocin:ab,ti	16
#275	zosyn:ab,ti	4
#276	betamaze:ab,ti	0



#277	cp-45899:ab,ti	0
#278	cp45899:ab,ti	0
#279	combactam:ab,ti	2
#280	ytr 830h:ab,ti	0
#281	ytr-830:ab,ti	0
#282	ytr830:ab,ti	0
#283	#46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80 or #81 or #82 or #83 or #84 or #85 or #86 or #87 or #88 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 or #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120 or #121 or #122 or #123 or #124 or #125 or #126 or #127 or #128 or #129 or #130 or #131 or #132 or #133 or #134 or #135 or #136 or #137 or #138 or #139 or #140 or #141 or #142 or #143 or #144 or #145 or #146 or #147 or #148 or #149 or #150 or #151 or #152 or #153 or #154 or #155 or #156 or #157 or #158 or #159 or #160 or #161 or #162 or #163 or #164 or #165 or #166 or #167 or #168 or #169 or #170 or #171 or #172 or #173 or #174 or #175 or #176 or #177 or #178 or #179 or #180 or #181 or #182 or #183 or #184 or #185 or #186 or #187 or #188 or #189 or #190 or #191 or #192 or #193 or #194 or #195 or #196 or #197 or #198 or #199 or #200 or #201 or #202 or #203 or #204 or #205 or #206 or #207 or #208 or #209 or #210 or #211 or #212 or #213 or #214 or #215 or #216 or #217 or #218 or #219 or #220 or #221 or #222 or #223 or #224 or #225 or #226 or #227 or #228 or #229 or #230 or #231 or #232 or #233 or #234 or #235 or #236 or #237 or #238 or #239 or #240 or #241 or #242 or #243 or #244 or #245 or #246 or #247 or #248 or #249 or #250 or #251 or #252 or #253 or #254 or #255 or #256 or #257 or #258 or #259 or #260 or #261 or #262 or #263 or #264 or #265 or #266 or #267 or #268 or #269 or #270 or #271 or #272 or #273 or #274 or #275 or #276 or #277 or #278 or #279 or #280 or #281 or #282	40 396
#284	#22 or #30 or #45 or #283	69 558
#285	#21 AND #284	96
Comments	CDSR: 1 CENTRAL: 95	

2.7.1.3 *Embase*

Date	4 December 2019	Results
Database	Embase.com	
Search strategy		
#1	'periodontal abscess'/exp	220
#2	(periodont* NEAR/5 abscess*):ab,ti,kw	482
#3	(lateral NEAR/5 abscess*):ab,ti,kw	246
#4	(parietal NEAR/5 abscess*):ab,ti,kw	175
#5	(gingival NEAR/5 abscess*):ab,ti,kw	63
#6	(dental NEAR/5 abscess*):ab,ti,kw	861
#7	((tooth OR teeth) NEAR/5 abscess*):ab,ti,kw	531
#8	(odontogenic NEAR/5 abscess*):ab,ti,kw	343
#9	(molar\$ NEAR/5 abscess*):ab,ti,kw	70
#10	(incisor\$ NEAR/5 abscess*):ab,ti,kw	25
#11	(canine\$ NEAR/5 abscess*):ab,ti,kw	42
#12	(premolar\$ NEAR/5 abscess*):ab,ti,kw	9
#13	(cuspid\$ NEAR/5 abscess*):ab,ti,kw	1
#14	(bicuspid\$ NEAR/5 abscess*):ab,ti,kw	7
#15	(dentoalveolar NEAR/5 abscess*):ab,ti,kw	95
#16	('dento alveolar' NEAR/5 abscess*):ab,ti,kw	29
#17	pericoronitis:ab,ti,kw	375
#18	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17	2 858
#19	#1 OR #18	2 990
#20	'antiinfective agent'/exp	3 540 763
#21	antibiotic*:ab,ti,kw,jt	461 556



#22	'anti biotic*':ab,ti,kw,jt	310
#23	bacteriocid*:ab,ti,kw,jt	713
#24	anti\$bacterial*:ab,ti,kw,jt	99 116
#25	anti\$mycobacterial*:ab,ti,kw,jt	4 736
#26	anti\$infect*:ab,ti,kw,jt	1 725
#27	anti\$microbial*:ab,ti,kw,jt	257 632
#28	#21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27	704 719
#29	aminoglycoside\$:ab,ti,kw,tn	23 783
#30	ansamycin\$:ab,ti,kw,tn	739
#31	('beta lactamase' OR 'b lactamase') NEAR/3 (antagonist\$ OR inhibitor\$):ab,ti,kw,jt	1 102
#32	carbapenem\$:ab,ti,kw,tn	17 207
#33	penicillin\$:ab,ti,kw,tn	65 280
#34	cephalosporin\$:ab,ti,kw,tn	28 986
#35	lincosamide\$:ab,ti,kw,tn	1 767
#36	macrolide\$:ab,ti,kw,tn	21 247
#37	monobactam\$:ab,ti,kw,tn	960
#38	nitrofuran\$:ab,ti,kw,tn	1 539
#39	oxazolidinone\$:ab,ti,kw,tn	3 162
#40	carboxypenicillin\$:ab,ti,kw,tn	55
#41	sulfonamide\$:ab,ti,kw,tn	17 294
#42	tetracycline\$:ab,ti,kw,tn	42 032
#43	#29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42	189 485
#44	alamethicin:ab,ti,kw,rn,tn	849
#45	amikacin:ab,ti,kw,rn,tn	13 245
#46	amoxicillin:ab,ti,kw,rn,tn	21 957
#47	'amoxicillin potassium':ab,ti,kw,rn,tn	34
#48	'amphotericin b':ab,ti,kw,rn,tn	23 040



#49	ampicillin:ab,ti,kw,rn,tn	28 456
#50	anisomycin:ab,ti,kw,rn,tn	1 852
#51	'antimycin a':ab,ti,kw,rn,tn	2 701
#52	aurodox:ab,ti,kw,rn,tn	39
#53	azithromycin:ab,ti,kw,rn,tn	12 418
#54	aztreonam:ab,ti,kw,rn,tn	4 269
#55	bacitracin:ab,ti,kw,rn,tn	3 517
#56	bacteriocin\$:ab,ti,kw,rn,tn	6 150
#57	bambermycin\$:ab,ti,kw,rn,tn	39
#58	'bongrekic acid':ab,ti,kw,rn,tn	402
#59	'brefeldin a':ab,ti,kw,rn,tn	4 156
#60	butirosin:ab,ti,kw,rn,tn	137
#61	calcimycin:ab,ti,kw,rn,tn	236
#62	candidicidin:ab,ti,kw,rn,tn	168
#63	capreomycin:ab,ti,kw,rn,tn	729
#64	carbenicillin:ab,ti,kw,rn,tn	2 753
#65	carfecillin:ab,ti,kw,rn,tn	82
#66	cefaclor:ab,ti,kw,rn,tn	2 351
#67	cefadroxil:ab,ti,kw,rn,tn	932
#68	ceframandole:ab,ti,kw,rn,tn	1 543
#69	cefatrizine:ab,ti,kw,rn,tn	200
#70	cefazolin:ab,ti,kw,rn,tn	5 831
#71	cefdinir:ab,ti,kw,rn,tn	707
#72	cefepime:ab,ti,kw,rn,tn	5 329
#73	cefixime:ab,ti,kw,rn,tn	2 624
#74	cefmenoxime:ab,ti,kw,rn,tn	610
#75	cefmatazole:ab,ti,kw,rn,tn	833



#76	cefonicid:ab,ti,kw,rn,tn	292
#77	cefoperazone:ab,ti,kw,rn,tn	3 730
#78	ceftaxime:ab,ti,kw,rn,tn	10 910
#79	cefotetan:ab,ti,kw,rn,tn	1 023
#80	cefotiam:ab,ti,kw,rn,tn	1 049
#81	cefoxitin:ab,ti,kw,rn,tn	5 407
#82	cefsulodin:ab,ti,kw,rn,tn	735
#83	ceftazidime:ab,ti,kw,rn,tn	12 287
#84	ceftibuten:ab,ti,kw,rn,tn	396
#85	ceftizoxime:ab,ti,kw,rn,tn	1 275
#86	ceftriaxone:ab,ti,kw,rn,tn	16 252
#87	cefuroxime:ab,ti,kw,rn,tn	6 059
#88	cephacetrile:ab,ti,kw,rn,tn	193
#89	cephalexin:ab,ti,kw,rn,tn	3 444
#90	cephaloglycin:ab,ti,kw,rn,tn	100
#91	cephaloridine:ab,ti,kw,rn,tn	1 409
#92	cephalothin:ab,ti,kw,rn,tn	3 365
#93	cephamycin\$:ab,ti,kw,rn,tn	906
#94	cephapirin:ab,ti,kw,rn,tn	404
#95	cephradine:ab,ti,kw,rn,tn	741
#96	chloramphenicol:ab,ti,kw,rn,tn	28 167
#97	chlortetracycline:ab,ti,kw,rn,tn	2 804
#98	ciprofloxacin:ab,ti,kw,rn,tn	34 631
#99	citrinin:ab,ti,kw,rn,tn	932
#100	clarithromycin:ab,ti,kw,rn,tn	13 397
#101	"clavulanic acid\$":ab,ti,kw,rn,tn	7 318
#102	clavulanate:ab,ti,kw,rn,tn	4 651



#103	clindamycin:ab,ti,kw,rn,tn	13 704
#104	cloxacillin:ab,ti,kw,rn,tn	2 159
#105	colistin:ab,ti,kw,rn,tn	7 976
#106	cyclacillin:ab,ti,kw,rn,tn	97
#107	dactinomycin:ab,ti,kw,rn,tn	1 090
#108	dalbavancin:ab,ti,kw,rn,tn	508
#109	daptomycin:ab,ti,kw,rn,tn	4 259
#110	demeclocycline:ab,ti,kw,rn,tn	392
#111	dibekacin:ab,ti,kw,rn,tn	431
#112	dicloxacillin:ab,ti,kw,rn,tn	845
#113	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#114	diketopiperazines:ab,ti,kw,rn,tn	642
#115	distamycins:ab,ti,kw,rn,tn	35
#116	doripenem:ab,ti,kw,rn,tn	997
#117	doxycycline:ab,ti,kw,rn,tn	19 119
#118	echinomycin:ab,ti,kw,rn,tn	319
#119	edeine:ab,ti,kw,rn,tn	120
#120	enoxacin:ab,ti,kw,rn,tn	1 292
#121	enrofloxacin:ab,ti,kw,rn,tn	2 848
#122	enviomycin:ab,ti,kw,rn,tn	54
#123	ertapenem:ab,ti,kw,rn,tn	2 450
#124	erythromycin:ab,ti,kw,rn,tn	25 017
#125	fidaxomicin:ab,ti,kw,rn,tn	699
#126	filipin:ab,ti,kw,rn,tn	1 551
#127	floxacillin:ab,ti,kw,rn,tn	15
#128	flucloxacillin:ab,ti,kw,rn,tn	1 419
#129	fosfomycin:ab,ti,kw,rn,tn	4 043



#130	framycetin:ab,ti,kw,rn,tn	222
#131	'fusidic acid':ab,ti,kw,rn,tn	2 174
#132	furazolidone:ab,ti,kw,rn,tn	1 625
#133	gatifloxacin:ab,ti,kw,rn,tn	2 156
#134	gatifloxacin:ab,ti,kw,rn,tn	2 156
#135	gentamicins:ab,ti,kw,rn,tn	89
#136	gramicidin:ab,ti,kw,rn,tn	3 684
#137	'hygromycin b':ab,ti,kw,rn,tn	955
#138	imipenem:ab,ti,kw,rn,tn	14 796
#139	josamycin:ab,ti,kw,rn,tn	873
#140	kanamycin:ab,ti,kw,rn,tn	9 794
#141	kitasamycin:ab,ti,kw,rn,tn	95
#142	lactams:ab,ti,kw,rn,tn	13 314
#143	lasalocid:ab,ti,kw,rn,tn	643
#144	leucomycins:ab,ti,kw,rn,tn	26
#145	levofloxacin:ab,ti,kw,rn,tn	11 885
#146	lincomycin:ab,ti,kw,rn,tn	2 694
#147	lincosamides:ab,ti,kw,rn,tn	821
#148	linezolid:ab,ti,kw,rn,tn	8 310
#149	lomefloxacin:ab,ti,kw,rn,tn	1 133
#150	lucensomycin:ab,ti,kw,rn,tn	31
#151	lymecycline:ab,ti,kw,rn,tn	158
#152	mafénide:ab,ti,kw,rn,tn	199
#153	mepartricin:ab,ti,kw,rn,tn	137
#154	meropenem:ab,ti,kw,rn,tn	10 617
#155	methacycline:ab,ti,kw,rn,tn	211
#156	methicillin:ab,ti,kw,rn,tn	41 401



#157	metronidazole:ab,ti,kw,rn,tn	21 706
#158	mezlocillin:ab,ti,kw,rn,tn	1 215
#159	mikamycin:ab,ti,kw,rn,tn	43
#160	minocycline:ab,ti,kw,rn,tn	9 010
#161	miocamycin:ab,ti,kw,rn,tn	156
#162	moxalactam:ab,ti,kw,m,tn	1 460
#163	moxifloxacin:ab,ti,kw,rn,tn	6 469
#164	mupirocin:ab,ti,kw,rn,tn	2 478
#165	mycobacillin:ab,ti,kw,rn,tn	61
#166	nadifloxacin:ab,ti,kw,rn,tn	136
#167	nafcillin:ab,ti,kw,rn,tn	879
#168	'nalidixic acid':ab,ti,kw,rn,tn	6 340
#169	natamycin:ab,ti,kw,rn,tn	742
#170	nebramycin:ab,ti,kw,rn,tn	40
#171	neomycin:ab,ti,kw,rn,tn	10 539
#172	netilmicin:ab,ti,kw,rn,tn	2 266
#173	netropsin:ab,ti,kw,rn,tn	652
#174	nigericin:ab,ti,kw,rn,tn	1 724
#175	nisin:ab,ti,kw,rn,tn	2 346
#176	nitrofurantoin:ab,ti,kw,rn,tn	4 763
#177	norfloxacin:ab,ti,kw,m,tn	5 871
#178	novobiocin:ab,ti,kw,rn,tn	2 578
#179	nystatin:ab,ti,kw,rn,tn	4 520
#180	ofloxacin:ab,ti,kw,rn,tn	8 929
#181	oleandomycin:ab,ti,kw,rn,tn	790
#182	oligomycin\$:ab,ti,kw,rn,tn	3 849
#183	oritavancin:ab,ti,kw,rn,tn	430



#184	oxacillin:ab,ti,kw,rn,tn	5 730
#185	'oxolinic acid':ab,ti,kw,rn,tn	729
#186	oxytetracycline:ab,ti,kw,rn,tn	5 412
#187	paromomycin:ab,ti,kw,rn,tn	1 480
#188	pefloxacin:ab,ti,kw,rn,tn	1 615
#189	pefloxacin:ab,ti,kw,rn,tn	1 615
#190	'penicillic acid':ab,ti,kw,rn,tn	255
#191	'penicillin g':ab,ti,kw,rn,tn	7 586
#192	'penicillin v':ab,ti,kw,rn,tn	1 413
#193	'pipemidic acid':ab,ti,kw,rn,tn	633
#194	piperacillin:ab,ti,kw,rn,tn	10 861
#195	pivampicillin:ab,ti,kw,rn,tn	411
#196	'polymyxin b':ab,ti,kw,rn,tn	5 903
#197	polymyxins:ab,ti,kw,rn,tn	1 014
#198	pristinamycin:ab,ti,kw,rn,tn	591
#199	prodigiosin:ab,ti,kw,rn,tn	618
#200	ribostamycin:ab,ti,kw,rn,tn	193
#201	rifabutin:ab,ti,kw,rn,tn	1 592
#202	rifamycin\$:ab,ti,kw,rn,tn	2 353
#203	rifaximin:ab,ti,kw,rn,tn	2 279
#204	ristocetin:ab,ti,kw,rn,tn	4 129
#205	rolitetracycline:ab,ti,kw,rn,tn	130
#206	roxarsone:ab,ti,kw,rn,tn	233
#207	roxithromycin:ab,ti,kw,rn,tn	1 826
#208	rutamycin:ab,ti,kw,rn,tn	68
#209	sirolimus:ab,ti,kw,rn,tn	14 656
#210	sisomicin:ab,ti,kw,rn,tn	895



#211	spectinomycin:ab,ti,kw,rn,tn	2 416
#212	spiramycin:ab,ti,kw,rn,tn	1 459
#213	'streptogramin a':ab,ti,kw,rn,tn	113
#214	'streptogramin group a':ab,ti,kw,rn,tn	5
#215	'streptogramin group b':ab,ti,kw,rn,tn	5
#216	streptogramins:ab,ti,kw,rn,tn	386
#217	streptomycin:ab,ti,kw,rn,tn	23 514
#218	streptovaricin:ab,ti,kw,m,tn	94
#219	sulbactam:ab,ti,kw,rn,tn	5 060
#220	sulbenicillin:ab,ti,kw,rn,tn	191
#221	sulfacetamide:ab,ti,kw,rn,tn	315
#222	sulfadiazine:ab,ti,kw,rn,tn	3 849
#223	sulfamerazine:ab,ti,kw,rn,tn	435
#224	sulfamethoxypyridazine:ab,ti,kw,rn,tn	335
#225	sulfanilamide:ab,ti,kw,rn,tn	1 302
#226	sulfasalazine:ab,ti,kw,rn,tn	5 360
#227	sulfisoxazole:ab,ti,kw,rn,tn	777
#228	sulfamethizole:ab,ti,kw,rn,tn	228
#229	talampicillin:ab,ti,kw,rn,tn	148
#230	tazobactam:ab,ti,kw,rn,tn	8 204
#231	teicoplanin:ab,ti,kw,rn,tn	4 921
#232	telavancin:ab,ti,kw,rn,tn	523
#233	thiamphenicol:ab,ti,kw,rn,tn	865
#234	thienamycins:ab,ti,kw,rn,tn	9
#235	thiostrepton:ab,ti,kw,rn,tn	604
#236	ticarcillin:ab,ti,kw,rn,tn	2 514
#237	tigecycline:ab,ti,kw,rn,tn	4 594



#238	tinidazole:ab,ti,kw,rn,tn	1 826
#239	tinidazole:ab,ti,kw,rn,tn	1 826
#240	tobramycin:ab,ti,kw,rn,tn	9 254
#241	torezolid:ab,ti,kw,rn,tn	41
#242	tedizolid:ab,ti,kw,rn,tn	364
#243	trimethoprim:ab,ti,kw,rn,tn	20 658
#244	sulfamethoxazole:ab,ti,kw,rn,tn	15 628
#245	temocillin:ab,ti,kw,rn,tn	373
#246	troleandomycin:ab,ti,kw,rn,tn	662
#247	tunicamycin:ab,ti,kw,rn,tn	5 997
#248	tylosin:ab,ti,kw,rn,tn	1 658
#249	tyrocidine:ab,ti,kw,rn,tn	193
#250	tyrothrinicin:ab,ti,kw,rn,tn	214
#251	valinomycin:ab,ti,kw,rn,tn	3 083
#252	vancomycin:ab,ti,kw,rn,tn	38 493
#253	vernamicin AND b:ab,ti,kw,rn,tn	23
#254	viomycin:ab,ti,kw,rn,tn	470
#255	virginiamycin:ab,ti,kw,rn,tn	593
#256	'amox clav':ab,ti,kw,rn,tn	30
#257	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 332
#258	augmentin:ab,ti,kw,rn,tn	3 917
#259	'brl 25000':ab,ti,kw,rn,tn	107
#260	brl25000:ab,ti,kw,rn,tn	80
#261	clavulin:ab,ti,kw,rn,tn	58
#262	'co amoxiclav':ab,ti,kw,rn,tn	952
#263	coamoxiclav:ab,ti,kw,rn,tn	178
#264	spektramox:ab,ti,kw,rn,tn	22



#265	synulox:ab,ti,kw,rn,tn	134
#266	'bri 14151':ab,ti,kw,rn,tn	20
#267	bri14151:ab,ti,kw,rn,tn	3
#268	'mm 14151':ab,ti,kw,rn,tn	2
#269	mm14151:ab,ti,kw,rn,tn	0
#270	tazocel:ab,ti,kw,rn,tn	8
#271	tazocillin:ab,ti,kw,rn,tn	27
#272	tazocin:ab,ti,kw,rn,tn	541
#273	zosyn:ab,ti,kw,rn,tn	618
#274	betamaze:ab,ti,kw,rn,tn	5
#275	'cp 45899':ab,ti,kw,rn,tn	76
#276	cp45899:ab,ti,kw,rn,tn	1
#277	combactam:ab,ti,kw,rn,tn	42
#278	'ytr 830h':ab,ti,kw,rn,tn	21
#279	'ytr 830':ab,ti,kw,rn,tn	44
#280	ytr830:ab,ti,kw,rn,tn	1
#281	#44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160 OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR	513 315



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#244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR  
#256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR  
#268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278 OR #279 OR  
#280

#282	#20 OR #28 OR #43 OR #281	3 765 736
#283	#19 AND #282	1 294
#284	#283 NOT [medline]/lim	419
#285	#284 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	154
#286	#285 AND ('meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review')	0
#287	#285 AND (random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti))	8
#288	#287 NOT #286	8
#289	#285 NOT (#286 OR #288)	191
<b>Comments</b>	SR export: Line #286 RCT export: Line #288 Primary studies export line: #289	

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## 2.8 Dental implants

### 2.8.1 Systematic reviews and RCTs

#### 2.8.1.1 Ovid MEDLINE

Date	1 October 01 2019	
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to October 01, 2019>	
Search strategy		
ID	Search	Results
1	exp Dental implants/	22 220
2	exp Dental implantation/	21 217
3	Dental prosthesis implant-supported/	8 233
4	1 or 2 or 3	34 797
5	(implant? and (oral or dentistry)).jw.	10 822
6	(implant or implants or implantation or implant-supported).ab,ti,kf.	295 088
7	overdenture.ab,ti,kf.	1 945
8	crown*.ab,ti,kf.	36 812
9	bridge*.ab,ti,kf.	94 503
10	7 or 8 or 9	130 597
11	6 and 10	8 112
12	(oral or dental).ab,ti,kf.	754 519
13	(prosthesis or prostheses).ab,ti,kf.	83 577
14	restoration*.ab,ti,kf.	106 278
15	13 or 14	185 984
16	((prosthesis or prostheses or restoration*) adj5 (oral or dental)).ab,ti,kf.	9 531
17	6 and 16	2 093
18	(endosseous adj5 (implant or implants or implantation or implant-supported)).ab,ti,kf.	2 249



19	((oral or dental) adj5 (implant or implants or implantation or implant-supported)).ab,ti,kf.	18 841
20	4 or 5 or 11 or 17 or 18 or 19	46 851
21	exp Anti-Bacterial Agents/	707 105
22	Antibiotic Prophylaxis/	13 305
23	premedication/	12 400
24	exp infection/pc	87 062
25	chemoprevention/	5 743
26	22 or 23 or 24 or 25	110 343
27	21 or 26	793 820
28	antibiotic*.ab,ti,kf,jw.	342 655
29	anti-biotic*.ab,ti,kf,jw.	125
30	bacteriocid*.ab,ti,kf,jw.	577
31	anti?bacterial*.ab,ti,kf,jw.	70 722
32	anti?mycobacterial*.ab,ti,kf,jw.	3 679
33	anti?infect*.ab,ti,kf,jw.	2 608
34	anti?microbial*.ab,ti,kf,jw.	200 469
35	28 or 29 or 30 or 31 or 32 or 33 or 34	532 404
36	prophyla*.ab,ti,kf,jw.	159 900
37	premedicat*.ab,ti,kf.	9 320
38	chemoprevent*.ab,ti,kf.	2 0671
39	(infect* adj5 prevent*).ab,ti,kf.	58 274
40	(infect* adj5 reduc*).ti,kf.	3552
41	36 or 37 or 38 or 39 or 40	242 353
42	Aminoglycoside?.ab,ti,kf,nm.	23 466
43	Ansamycin?.ab,ti,kf,nm.	560
44	("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?).ab,ti,kf,jw.	2 868
45	Carbapenem?.ab,ti,kf,nm.	12 400



46	penicillin?.ab,ti,kf,nm.	77 153
47	Cephalosporin?.ab,ti,kf,nm.	31 692
48	Lincosamide?.ab,ti,kf,nm.	1 583
49	macrolide?.ab,ti,kf,nm.	22 823
50	Monobactam?.ab,ti,kf,nm.	932
51	Nitrofuran?.ab,ti,kf,nm.	2 544
52	Oxazolidinone?.ab,ti,kf,nm.	5 120
53	carboxypenicillin?.ab,ti,kf,nm.	46
54	sulfonamide?.ab,ti,kf,nm.	53 139
55	Tetracycline?.ab,ti,kf,nm.	45 193
56	42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55	241 660
57	prophyla*.ab,ti,kf.	158 765
58	premedicat*.ab,ti,kf.	9 320
59	chemoprevent*.ab,ti,kf.	20 671
60	(infect* adj5 prevent*).ab,ti,kf.	58 274
61	(infect* adj5 reduc*).ti,kf.	3 552
62	27 or 35 or 41 or 56	1 287 897
63	20 and 62	1 395
64	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ((('evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and (((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri*)) or 'exclusion criteri*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview* or review or reviews or search* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks	367 502



or references or scales or papers or datasets or trials or meta-analy\* or (clinical and studies).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.))) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

65	63 and 64	100
66	randomized controlled trial.pt.	490 570
67	controlled clinical trial.pt.	93 277
68	randomized.ti,ab.	492 481
69	placebo.ti,ab.	206 607
70	clinical trials as topic/	188 598
71	randomly.ti,ab.	319 938
72	trial?.ti.	274 308
73	66 or 67 or 68 or 69 or 70 or 71 or 72	1 273 672
74	exp animal/ not humans/	4 621 212
75	73 not 74	1 172 452
76	63 and 75	165

#### Comments

#### 2.8.1.2 Cochrane

Date	8 October 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
ID	Search	Results
#1	[mh "Dental implants"]	1 251
#2	[mh "Dental implantation"]	1 110
#3	[mh "Dental prosthesis, implant-supported"]	708
#4	#1 or #2 or #3	1 694



#5	(implant? and (oral or dentistry)):so	1 137
#6	(implant or implants or implantation or implant-supported):ab,ti,kw	27 853
#7	overdenture:ab,ti,kw	304
#8	crown*:ab,ti,kw	2 099
#9	bridge*:ab,ti,kw	2 222
#10	#7 or #8 or #9	4 555
#11	#6 and #10	989
#12	(oral or dental):ab,ti,kw	173 208
#13	(prosthesis or prostheses):ab,ti,kw	12 556
#14	restoration*:ab,ti,kw	7 972
#15	#13 or #14	19 527
#16	((prosthesis or prostheses or restoration*) NEAR/5 (oral or dental)):ab,ti,kw	3 339
#17	#6 and #16	1 153
#18	(endosseous NEAR/5 (implant or implants or implantation or "implant-supported")):ab,ti,kw	1 049
#19	((oral or dental) NEAR/5 (implant or implants or implantation or "implant-supported")):ab,ti,kw	2 906
#20	#4 or #5 or #11 or #17 or #18 or #19	3 595
#21	[mh "Anti-Bacterial Agents"]	11 384
#22	[mh ^"Antibiotic Prophylaxis"]	1 235
#23	[mh ^"premedication"]	2 985
#24	[mh ^"infection"/pc]	0
#25	[mh ^"chemoprevention"]	336
#26	#22 or #23 or #24 or #25	4 545
#27	#21 or #26	15 169
#28	antibiotic*:ab,ti,kw	29 648
#29	anti-biotic*:ab,ti,kw	29 646
#30	bacteriocid*:ab,ti,kw	26
#31	anti?bacterial*:ab,ti,kw	12 623



#32	anti?mycobacterial*:ab,ti,kw	95
#33	anti?infect*:ab,ti,kw	6 185
#34	anti?microbial*:ab,ti,kw	6 976
#35	#28 or #29 or #30 or #31 or #32 or #33 or #34	42 657
#36	prophyla*:ab,ti,kw	34 462
#37	premedicat*:ab,ti,kw	8 291
#38	chemoprevent*:ab,ti,kw	1 824
#39	(infect* NEAR/5 prevent*):ab,ti,kw	17 274
#40	(infect* NEAR/5 reduc*):ti,kw	1 129
#41	#36 or #37 or #38 or #39 or #40	55 515
#42	Aminoglycoside?:ab,ti,kw	958
#43	Ansamycin?:ab,ti,kw	12
#44	("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?):ab,ti,kw	1 479
#45	Carbapenem?:ab,ti,kw	523
#46	penicillin?:ab,ti,kw	3 489
#47	Cephalosporin?:ab,ti,kw	2 575
#48	Lincosamide?:ab,ti,kw	20
#49	macrolide?:ab,ti,kw	1 120
#50	Monobactam?:ab,ti,kw	35
#51	Nitrofuran?:ab,ti,kw	30
#52	Oxazolidinone?:ab,ti,kw	328
#53	carboxypenicillin?:ab,ti,kw	3
#54	sulfonamide?:ab,ti,kw	3 222
#55	Tetracycline?:ab,ti,kw	2 146
#56	#42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55	14 469
#57	prophyla*:ab,ti,kw	34 462
#58	premedicat*:ab,ti,kw	8 291



#59	chemoprevent*:ab,ti,kw	1 824
#60	(infect* NEAR/5 prevent*):ab,ti,kw	17 274
#61	(infect* NEAR/5 reduc*):ti,kw	1 129
#62	#27 or #35 or #41 or #56	96 850
#63	#20 and #62	243

**Comments****2.8.1.3 Embase**

<b>Date</b>	<b>8 October 2019</b>	
<b>Database</b>	Embase.com	
<b>Search strategy</b>		
#1	'tooth implant':exp	11 370
#2	'tooth implantation':exp	27 443
#3	'implant-supported denture':exp	997
#4	#1 OR #2 OR #3	35 773
#5	implant\$:jt AND (oral:jt OR dentistry:jt)	23 730
#6	implant:ab,ti,kw OR implants:ab,ti,kw OR implantation:ab,ti,kw OR 'implant supported':ab,ti,kw	401 513
#7	overdenture:ab,ti,kw	1 886
#8	crown*:ab,ti,kw	45 967
#9	bridge*:ab,ti,kw	105 393
#10	#7 OR #8 OR #9	151 044
#11	#6 AND #10	10 451
#12	oral:ab,ti,kw OR dental:ab,ti,kw	978 788
#13	prosthesis:ab,ti,kw OR prostheses:ab,ti,kw	102 939
#14	restoration*:ab,ti,kw	125 519
#15	#13 OR #14	224 159
#16	((prosthesis OR prostheses OR restoration*) NEAR/5 (oral OR dental)):ab,ti,kw	8 957



#17	#6 AND #16	2 304
#18	(endosseous NEAR/5 (implant OR implants OR implantation OR 'implant supported')):ab,ti,kw	2 313
#19	((oral OR dental) NEAR/5 (implant OR implants OR implantation OR 'implant supported')):ab,ti,kw	20 503
#20	#4 OR #5 OR #11 OR #17 OR #18 OR #19	49 103
#21	'antiinfective agent'/exp	3 512 952
#22	'antibiotic prophylaxis'/de	30 011
#23	'premedication'/de	19 672
#24	'infection'/exp/dm_pc	331 430
#25	'chemoprophylaxis'/de	24 346
#26	#22 OR #23 OR #24 OR #25	386 669
#27	#21 OR #26	3 766 567
#28	antibiotic*:ab,ti,kw,jt	456 438
#29	'anti biotic*':ab,ti,kw,jt	310
#30	bacteriocid*:ab,ti,kw,jt	710
#31	anti\$bacterial*:ab,ti,kw,jt	97 688
#32	anti\$mycobacterial*:ab,ti,kw,jt	4 689
#33	anti\$infect*:ab,ti,kw,jt	1 718
#34	anti\$microbial*:ab,ti,kw,jt	253 795
#35	#28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34	696 440
#36	prophyla*:ab,ti,kw	236 643
#37	premedicat*:ab,ti,kw	13 277
#38	chemoprevent*:ab,ti,kw	27 106
#39	(infect* NEAR/5 prevent*):ab,ti,kw	73 830
#40	(infect* NEAR/5 reduc*):ti,kw	4 957
#41	#36 OR #37 OR #38 OR #39 OR #40	342 956
#42	aminoglycoside\$:ab,ti,kw,tn	23 596
#43	ansamycin\$:ab,ti,kw,tn	737



#44	(('beta lactamase' OR 'b lactamase') NEAR/3 (antagonist\$ OR inhibitor\$)):ab,ti,kw,jt	1 086
#45	carbapenem\$:ab,ti,kw,tn	16 822
#46	penicillin\$:ab,ti,kw,tn	64 926
#47	cephalosporin\$:ab,ti,kw,tn	28 741
#48	lincosamide\$:ab,ti,kw,tn	1 747
#49	macrolide\$:ab,ti,kw,tn	21 095
#50	monobactam\$:ab,ti,kw,tn	953
#51	nitrofuran\$:ab,ti,kw,tn	1 532
#52	oxazolidinone\$:ab,ti,kw,tn	3 144
#53	carboxypenicillin\$:ab,ti,kw,tn	53
#54	sulfonamide\$:ab,ti,kw,tn	17 156
#55	tetracycline\$:ab,ti,kw,tn	41 711
#56	#42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55	188 021
#57	#27 OR #35 OR #41 OR #56	4 115 168
#58	#20 AND #57	2 778
#59	#58 NOT [medline]/lim	625
#60	#59 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	317
#61	'meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review'	415 192
#62	#60 AND #61	6
#63	random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti)	1 711 061
#64	#60 AND #63	25
<b>Comments</b>		



## 2.9 Extraction of permanent teeth

### 2.9.1 Systematic reviews and RCTs

#### 2.9.1.1 Ovid MEDLINE

Date	Week 2 October 2019	Results
Database	Ovid MEDLINE(R) <1946 to October Week 2 2019>	
Search strategy		
1	exp tooth extraction/	19 627
2	((tooth or teeth) adj5 extract*).ab,ti,kf.	14 447
3	((tooth or teeth) adj5 remov*).ab,ti,kf.	3 712
4	((tooth or teeth) adj5 surg*).ab,ti,kf.	2 196
5	(dental adj5 extract*).ab,ti,kf.	2 903
6	(molar? adj5 (extract* or remov* or surg*)).ab,ti,kf.	8 306
7	(canine? adj5 (extract* or remov* or surg*)).ab,ti,kf.	1 674
8	(premolar? adj5 (extract* or remov* or surg*)).ab,ti,kf.	3 760
9	(incisor? adj5 (extract* or remov* or surg*)).ab,ti,kf.	1 783
10	(cuspid? adj5 (extract* or remov* or surg*)).ab,ti,kf.	63
11	(bicuspid? adj5 (extract* or remov* or surg*)).ab,ti,kf.	265
12	exodontia.ab,ti,kf.	316
13	odontectom*.ab,ti,kf.	49
14	exodontic?.ab,ti,kf.	39
15	extraction?.ti,kf. and (dental or dentistry or orthodont* or oral).jw.	3 688
16	2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15	33 012
17	1 or 16	41 338
18	exp Anti-Bacterial Agents/	708 638



19	Antibiotic Prophylaxis/	13 346
20	18 or 19	715 759
21	antibiotic*.ab,ti,kf,jw.	304 805
22	anti-biotic*.ab,ti,kf,jw.	100
23	bacteriocid*.ab,ti,kf,jw.	541
24	anti?bacterial*.ab,ti,kf,jw.	60 917
25	anti?mycobacterial*.ab,ti,kf,jw.	3 349
26	anti?infect*.ab,ti,kf,jw.	2 442
27	anti?microbial*.ab,ti,kf,jw.	174 721
28	21 or 22 or 23 or 24 or 25 or 26 or 27	471 812
29	prophylaxis.ab,ti,kf,jw.	83 572
30	Aminoglycoside?.ab,ti,kf,nm.	21 965
31	Ansamycin?.ab,ti,kf,nm.	542
32	("beta lactamase" or 'b lactamase') adj3 (antagonist? or inhibitor?).ab,ti,kf,jw.	2 529
33	Carbapenem?.ab,ti,kf,nm.	10 294
34	penicillin?.ab,ti,kf,nm.	73 758
35	Cephalosporin?.ab,ti,kf,nm.	29 847
36	Lincosamide?.ab,ti,kf,nm.	1 440
37	macrolide?.ab,ti,kf,nm.	21 362
38	Monobactam?.ab,ti,kf,nm.	873
39	Nitrofuran?.ab,ti,kf,nm.	2 487
40	Oxazolidinone?.ab,ti,kf,nm.	4 718
41	carboxypenicillin?.ab,ti,kf,nm.	43
42	sulfonamide?.ab,ti,kf,nm.	51 218
43	Tetracycline?.ab,ti,kf,nm.	42 348
44	30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43	228 410
45	Alamethicin.ab,ti,kf,nm.	796



46	Amikacin.ab,ti,kf,nm.	8 901
47	Amoxicillin.ab,ti,kf,nm.	17 680
48	Amoxicillin-Potassium.ab,ti,kf,nm.	2 512
49	Amphotericin B.ab,ti,kf,nm.	21 528
50	Ampicillin.ab,ti,kf,nm.	26 674
51	Anisomycin.ab,ti,kf,nm.	1 908
52	Antimycin A.ab,ti,kf,nm.	4 132
53	Aurodox.ab,ti,kf,nm.	35
54	Azithromycin.ab,ti,kf,nm.	7 695
55	Aztreonam.ab,ti,kf,nm.	3 023
56	Bacitracin.ab,ti,kf,nm.	3 936
57	Bacteriocin?.ab,ti,kf,nm.	7 257
58	Bambermycin?.ab,ti,kf,nm.	134
59	Bongrekic Acid.ab,ti,kf,nm.	440
60	Brefeldin A.ab,ti,kf,nm.	4 000
61	Butirosin.ab,ti,kf,nm.	148
62	Calcimycin.ab,ti,kf,nm.	11 922
63	Candididin.ab,ti,kf,nm.	296
64	Capreomycin.ab,ti,kf,nm.	625
65	Carbenicillin.ab,ti,kf,nm.	3 211
66	Carfecillin.ab,ti,kf,nm.	37
67	Cefaclor.ab,ti,kf,nm.	1 711
68	Cefadroxil.ab,ti,kf,nm.	685
69	Cefamandole.ab,ti,kf,nm.	1 630
70	Cefatrizine.ab,ti,kf,nm.	117
71	Cefazolin.ab,ti,kf,nm.	4 771
72	Cefdinir.ab,ti,kf,nm.	401



73	Cefepime.ab,ti,kf,nm.	2 872
74	Cefixime.ab,ti,kf,nm.	1 534
75	Cefmenoxime.ab,ti,kf,nm.	507
76	Cefmetazole.ab,ti,kf,nm.	655
77	Cefonicid.ab,ti,kf,nm.	246
78	Cefoperazone.ab,ti,kf,nm.	2 512
79	Cefotaxime.ab,ti,kf,nm.	9 896
80	Cefotetan.ab,ti,kf,nm.	774
81	Cefotiam.ab,ti,kf,nm.	672
82	Cefoxitin.ab,ti,kf,nm.	4 237
83	Cefsulodin.ab,ti,kf,nm.	611
84	Ceftazidime.ab,ti,kf,nm.	8 472
85	Ceftibuten.ab,ti,kf,nm.	303
86	Ceftizoxime.ab,ti,kf,nm.	1 539
87	Ceftriaxone.ab,ti,kf,nm.	10 776
88	Cefuroxime.ab,ti,kf,nm.	4 424
89	Cephacetrile.ab,ti,kf,nm.	162
90	Cephalexin.ab,ti,kf,nm.	3 333
91	Cephaloglycin.ab,ti,kf,nm.	129
92	Cephaloridine.ab,ti,kf,nm.	2 049
93	Cephalothin.ab,ti,kf,nm.	4 294
94	Cephamycin?.ab,ti,kf,nm.	1 644
95	Cephapirin.ab,ti,kf,nm.	598
96	Cephradine.ab,ti,kf,nm.	843
97	Chloramphenicol.ab,ti,kf,nm.	38 586
98	Chlortetracycline.ab,ti,kf,nm.	6 409
99	Ciprofloxacin.ab,ti,kf,nm.	24 499



100	Citrinin.ab,ti,kf,nm.	751
101	Clarithromycin.ab,ti,kf,nm.	9 464
102	Clavulanic Acid?.ab,ti,kf,nm.	5 771
103	clavulanate.ab,ti,kf,nm.	4 791
104	Clindamycin.ab,ti,kf,nm.	10 925
105	Cloxacillin.ab,ti,kf,nm.	2 524
106	Colistin.ab,ti,kf,nm.	5 977
107	Cyclacillin.ab,ti,kf,nm.	109
108	Dactinomycin.ab,ti,kf,nm.	19 081
109	dalbavancin.ab,ti,kf,nm.	342
110	Daptomycin.ab,ti,kf,nm.	2 707
111	Demeclocycline.ab,ti,kf,nm.	993
112	Dibekacin.ab,ti,kf,nm.	622
113	Dicloxacillin.ab,ti,kf,nm.	884
114	Dihydrostreptomycin.ab,ti,kf,nm.	1 530
115	Diketopiperazines.ab,ti,kf,nm.	822
116	Distamycins.ab,ti,kf,nm.	777
117	Doripenem.ab,ti,kf,nm.	574
118	Doxycycline.ab,ti,kf,nm.	14 896
119	Echinomycin.ab,ti,kf,nm.	323
120	Edeine.ab,ti,kf,nm.	143
121	Enoxacin.ab,ti,kf,nm.	1 092
122	Enrofloxacin.ab,ti,kf,nm.	2 298
123	Enviomycin.ab,ti,kf,nm.	75
124	Ertapenem.ab,ti,kf,nm.	1 305
125	Erythromycin.ab,ti,kf,nm.	24 269
126	Fidaxomicin.ab,ti,kf,nm.	391



127	Filipin.ab,ti,kf,nm.	1 374
128	Floxacillin.ab,ti,kf,nm.	730
129	Flucloxacillin.ab,ti,kf,nm.	756
130	Fosfomycin.ab,ti,kf,nm.	2 909
131	Framycetin.ab,ti,kf,nm.	545
132	Fusidic Acid.ab,ti,kf,nm.	2 346
133	furazolidone.ab,ti,kf,nm.	1 742
134	Gatifloxacin.ab,ti,kf,nm.	1 587
135	Gatifloxacin.ab,ti,kf,nm.	1 587
136	Gentamicins.ab,ti,kf,nm.	18 069
137	Gramicidin.ab,ti,kf,nm.	3 833
138	Hygromycin B.ab,ti,kf,nm.	1 434
139	Imipenem.ab,ti,kf,nm.	9 635
140	Josamycin.ab,ti,kf,nm.	701
141	Kanamycin.ab,ti,kf,nm.	12 812
142	Kitasamycin.ab,ti,kf,nm.	119
143	Lactams.ab,ti,kf,nm.	18 076
144	Lasalocid.ab,ti,kf,nm.	887
145	Leucomycins.ab,ti,kf,nm.	1 851
146	Levofloxacin.ab,ti,kf,nm.	6 592
147	Lincomycin.ab,ti,kf,nm.	3 196
148	Lincosamides.ab,ti,kf,nm.	897
149	Linezolid.ab,ti,kf,nm.	5 004
150	Lomefloxacin.ab,ti,kf,nm.	856
151	Lucensomycin.ab,ti,kf,nm.	39
152	Lymecycline.ab,ti,kf,nm.	164
153	Mafenide.ab,ti,kf,nm.	259



154	Mepartycin.ab,ti,kf,nm.	102
155	Meropenem.ab,ti,kf,nm.	5 557
156	Methacycline.ab,ti,kf,nm.	400
157	Methicillin.ab,ti,kf,nm.	29 221
158	Metronidazole.ab,ti,kf,nm.	17 787
159	Mezlocillin.ab,ti,kf,nm.	1 023
160	Mikamycin.ab,ti,kf,nm.	46
161	Minocycline.ab,ti,kf,nm.	7 970
162	Miocamycin.ab,ti,kf,nm.	310
163	Moxalactam.ab,ti,kf,nm.	1 505
164	Moxifloxacin.ab,ti,kf,nm.	4 154
165	Mupirocin.ab,ti,kf,nm.	1 787
166	Mycobacillin.ab,ti,kf,nm.	59
167	Nadifloxacin.ab,ti,kf,nm.	82
168	Nafcillin.ab,ti,kf,nm.	919
169	Nalidixic Acid.ab,ti,kf,nm.	6 148
170	Natamycin.ab,ti,kf,nm.	938
171	Nebramycin.ab,ti,kf,nm.	168
172	Neomycin.ab,ti,kf,nm.	12 614
173	Netilmicin.ab,ti,kf,nm.	1 885
174	Netropsin.ab,ti,kf,nm.	728
175	Nigericin.ab,ti,kf,nm.	1 978
176	Nisin.ab,ti,kf,nm.	1 956
177	Nitrofurantoin.ab,ti,kf,nm.	4 101
178	Norfloxacin.ab,ti,kf,nm.	4 555
179	Novobiocin.ab,ti,kf,nm.	3 116
180	Nystatin.ab,ti,kf,nm.	4 890



181	Ofloxacin.ab,ti,kf,nm.	9 026
182	Oleandomycin.ab,ti,kf,nm.	1 293
183	Oligomycin?.ab,ti,kf,nm.	4 820
184	Oritavancin.ab,ti,kf,nm.	334
185	Oxacillin.ab,ti,kf,nm.	5 066
186	Oxolinic Acid.ab,ti,kf,nm.	703
187	Oxytetracycline.ab,ti,kf,nm.	7 968
188	Paromomycin.ab,ti,kf,nm.	1 765
189	Pefloxacin.ab,ti,kf,nm.	1 367
190	Pefloxacin.ab,ti,kf,nm.	1 367
191	Penicillic Acid.ab,ti,kf,nm.	234
192	Penicillin G.ab,ti,kf,nm.	14 729
193	Penicillin V.ab,ti,kf,nm.	2 603
194	Pipemidic Acid.ab,ti,kf,nm.	434
195	Piperacillin.ab,ti,kf,nm.	6 380
196	Pivampicillin.ab,ti,kf,nm.	326
197	Polymyxin B.ab,ti,kf,nm.	5 519
198	Polymyxins.ab,ti,kf,nm.	3 318
199	Pristinamycin.ab,ti,kf,nm.	479
200	Prodigiosin.ab,ti,kf,nm.	720
201	Ribostamycin.ab,ti,kf,nm.	186
202	Rifabutin.ab,ti,kf,nm.	2 377
203	Rifamycin?.ab,ti,kf,nm.	3 001
204	Rifaximin.ab,ti,kf,nm.	1 017
205	Ristocetin.ab,ti,kf,nm.	3 043
206	Rolitetracycline.ab,ti,kf,nm.	392
207	Roxarsone.ab,ti,kf,nm.	214



208	Roxithromycin.ab,ti,kf,nm.	1 421
209	Rutamycin.ab,ti,kf,nm.	82
210	Sirolimus.ab,ti,kf,nm.	19 275
211	Sisomicin.ab,ti,kf,nm.	796
212	Spectinomycin.ab,ti,kf,nm.	2 532
213	Spiramycin.ab,ti,kf,nm.	1 452
214	Streptogramin A.ab,ti,kf,nm.	127
215	Streptogramin Group A.ab,ti,kf,nm.	9
216	Streptogramin Group B.ab,ti,kf,nm.	26
217	Streptogramins.ab,ti,kf,nm.	360
218	Streptomycin.ab,ti,kf,nm.	29 479
219	Streptovaricin.ab,ti,kf,nm.	155
220	Sulbactam.ab,ti,kf,nm.	3 177
221	Sulbenicillin.ab,ti,kf,nm.	174
222	Sulfacetamide.ab,ti,kf,nm.	454
223	Sulfadiazine.ab,ti,kf,nm.	4 831
224	Sulfamerazine.ab,ti,kf,nm.	656
225	Sulfamethoxypyridazine.ab,ti,kf,nm.	738
226	Sulfanilamide.ab,ti,kf,nm.	6 926
227	Sulfasalazine.ab,ti,kf,nm.	5 375
228	Sulfisoxazole.ab,ti,kf,nm.	1 292
229	Sulfamethizole.ab,ti,kf,nm.	406
230	Talampicillin.ab,ti,kf,nm.	104
231	Tazobactam.ab,ti,kf,nm.	4 104
232	Teicoplanin.ab,ti,kf,nm.	3 681
233	telavancin.ab,ti,kf,nm.	360
234	Thiamphenicol.ab,ti,kf,nm.	1 139



235	Thienamycins.ab,ti,kf,nm.	3 579
236	Thiostrepton.ab,ti,kf,nm.	525
237	Ticarcillin.ab,ti,kf,nm.	2 056
238	Tigecycline.ab,ti,kf,nm.	2 665
239	Tinidazole.ab,ti,kf,nm.	1 344
240	Tinidazole.ab,ti,kf,nm.	1 344
241	Tobramycin.ab,ti,kf,nm.	7 173
242	torezolid.ab,ti,kf,nm.	22
243	tedizolid.ab,ti,kf,nm.	229
244	Trimethoprim.ab,ti,kf,nm.	20 120
245	Sulfamethoxazole.ab,ti,kf,nm.	16 822
246	Temocillin.ab,ti,kf,nm.	272
247	Troleandomycin.ab,ti,kf,nm.	873
248	Tunicamycin.ab,ti,kf,nm.	5 504
249	Tylosin.ab,ti,kf,nm.	1 733
250	Tyrocidine.ab,ti,kf,nm.	214
251	Tyrothricin.ab,ti,kf,nm.	787
252	Valinomycin.ab,ti,kf,nm.	4 113
253	Vancomycin.ab,ti,kf,nm.	25 731
254	Vernamycin B.ab,ti,kf,nm.	17
255	Viomycin.ab,ti,kf,nm.	803
256	Virginiamycin.ab,ti,kf,nm.	1 407
257	amox-clav.ab,ti,kf,nm.	13
258	amoxicillin-clavulanic acid.ab,ti,kf,nm.	2 003
259	augmentin.ab,ti,kf,nm.	550
260	brl-25000.ab,ti,kf,nm.	30
261	brl25000.ab,ti,kf,nm.	1



262	clavulin.ab,ti,kf,nm.	3
263	co-amoxiclav.ab,ti,kf,nm.	460
264	coamoxiclav.ab,ti,kf,nm.	30
265	spektramox.ab,ti,kf,nm.	6
266	synulox.ab,ti,kf,nm.	4
267	brl-14151.ab,ti,kf,nm.	2
268	brl14151.ab,ti,kf,nm.	0
269	mm-14151.ab,ti,kf,nm.	0
270	mm14151.ab,ti,kf,nm.	0
271	tazocel.ab,ti,kf,nm.	0
272	tazocillin.ab,ti,kf,nm.	8
273	tazocin.ab,ti,kf,nm.	41
274	zosyn.ab,ti,kf,nm.	21
275	betamaze.ab,ti,kf,nm.	0
276	cp-45899.ab,ti,kf,nm.	10
277	cp45899.ab,ti,kf,nm.	0
278	combactam.ab,ti,kf,nm.	2
279	ytr 830h.ab,ti,kf,nm.	9
280	ytr-830.ab,ti,kf,nm.	28
281	ytr830.ab,ti,kf,nm.	0
282	45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 or 167 or 168 or 169 or 170 or 171 or 172 or 173 or 174 or 175 or 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 or 190 or 191 or 192 or 193 or 194 or 195 or 196 or 197 or 198 or 199 or 200 or 201 or 202 or 203 or 204 or 205 or 206 or 207 or 208 or 209 or 210 or 211 or 212 or 213 or 214 or 215 or 216 or 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 or	516 584



	225 or 226 or 227 or 228 or 229 or 230 or 231 or 232 or 233 or 234 or 235 or 236 or 237 or 238 or 239 or 240 or 241 or 242 or 243 or 244 or 245 or 246 or 247 or 248 or 249 or 250 or 251 or 252 or 253 or 254 or 255 or 256 or 257 or 258 or 259 or 260 or 261 or 262 or 263 or 264 or 265 or 266 or 267 or 268 or 269 or 270 or 271 or 272 or 273 or 274 or 275 or 276 or 277 or 278 or 279 or 280 or 281	
283	20 or 28 or 29 or 44 or 282	1 101 216
284	17 and 283	2 553
285	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ((evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and (((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri*)) or 'exclusion criteri*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview* or review or reviews or search* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.))) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	307 047
286	284 and 285	55
287	randomized controlled trial.pt.	491 790
288	controlled clinical trial.pt.	93 361
289	randomized.ti,ab.	425 815
290	placebo.ti,ab.	188 060
291	clinical trials as topic/	188 808
292	randomly.ti,ab.	273 405
293	trial?.ti.	237 297
294	287 or 288 or 289 or 290 or 291 or 292 or 293	1 149 481



295	exp animal/ not humans/	4 632 562
296	294 not 295	1 048 066
297	284 and 296	427
298	limit 297 to yr="2012-2019"	151

**Comments****2.9.1.2 Cochrane**

Date	23 October 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
ID	Search	
#1	[mh "tooth extraction"]	1 669
#2	((tooth or teeth) NEAR/5 extract*):ab,ti,kw	3 565
#3	((tooth or teeth) NEAR/5 remov*):ab,ti,kw	849
#4	((tooth or teeth) NEAR/5 surg*):ab,ti,kw	1 856
#5	(dental NEAR/5 extract*):ab,ti,kw	595
#6	(molar? NEAR/5 (extract* or remov* or surg*)):ab,ti,kw	2 777
#7	(canine? NEAR/5 (extract* or remov* or surg*)):ab,ti,kw	137
#8	(premolar? NEAR/5 (extract* or remov* or surg*)):ab,ti,kw	726
#9	(incisor? NEAR/5 (extract* or remov* or surg*)):ab,ti,kw	171
#10	(cuspid? NEAR/5 (extract* or remov* or surg*)):ab,ti,kw	28
#11	(bicuspid? NEAR/5 (extract* or remov* or surg*)):ab,ti,kw	108
#12	exodontia:ab,ti,kw	41
#13	odontectom*:ab,ti,kw	9
#14	exodontic?:ab,ti,kw	8
#15	extraction?:ti,kw AND (dental or dentistry or orthodont* or oral):so	1 320
#16	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15	6 858



#17	#1 or #16	6 858
#18	[mh "Anti-Bacterial Agents"]	11 382
#19	antibiotic*:ab,ti,kw,so	30 070
#20	anti-biotic*:ab,ti,kw,so	30 068
#21	bacteriocid*:ab,ti,kw,so	26
#22	anti?bacterial*:ab,ti,kw,so	12 621
#23	anti?mycobacterial*:ab,ti,kw,so	95
#24	anti?infect*:ab,ti,kw,so	6 222
#25	anti?microbial*:ab,ti,kw,so	10 448
#26	#19 or #20 or #21 or #22 or #23 or #24 or #25	45 176
#27	Aminoglycoside?:ab,ti	765
#28	Ansamycin?:ab,ti	11
#29	("beta lactamase" or 'b lactamase') NEAR/3 (antagonist? or inhibitor?):ab,ti,kw,so	1 479
#30	Carbapenem?:ab,ti	449
#31	penicillin?:ab,ti	2 294
#32	Cephalosporin?:ab,ti	1 352
#33	Lincosamide?:ab,ti	13
#34	macrolide?:ab,ti	973
#35	Monobactam?:ab,ti	27
#36	Nitrofuran?:ab,ti	12
#37	Oxazolidinone?:ab,ti	89
#38	carboxypenicillin?:ab,ti	3
#39	sulfonamide?:ab,ti	176
#40	Tetracycline?:ab,ti	1 791
#41	#27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40	8 592
#42	Alamethicin:ab,ti	1
#43	Amikacin:ab,ti	767



#44	Amoxicillin:ab,ti	4 097
#45	Amoxicillin-Potassium:ab,ti	10
#46	Amphotericin B:ab,ti	1 003
#47	Ampicillin:ab,ti	1 449
#48	Anisomycin:ab,ti	0
#49	Antimycin A:ab,ti	8
#50	Aurodox:ab,ti	0
#51	Azithromycin:ab,ti	2 250
#52	Aztreonam:ab,ti	340
#53	Bacitracin:ab,ti	145
#54	Bacteriocin?:ab,ti	29
#55	Bambermycin?:ab,ti	0
#56	Bongrekic Acid:ab,ti	0
#57	Brefeldin A:ab,ti	11
#58	Butirosin:ab,ti	0
#59	Calcimycin:ab,ti	4
#60	Candididin:ab,ti	7
#61	Capreomycin:ab,ti	19
#62	Carbenicillin:ab,ti	133
#63	Carfecillin:ab,ti	2
#64	Cefaclor:ab,ti	435
#65	Cefadroxil:ab,ti	171
#66	Cefamandole:ab,ti	234
#67	Cefatrizine:ab,ti	21
#68	Cefazolin:ab,ti	821
#69	Cefdinir:ab,ti	104
#70	Cefepime:ab,ti	283



#71	Cefixime:ab,ti	321
#72	Cefmenoxime:ab,ti	31
#73	Cefmetazole:ab,ti	76
#74	Cefonicid:ab,ti	66
#75	Cefoperazone:ab,ti	249
#76	Cefotaxime:ab,ti	701
#77	Cefotetan:ab,ti	170
#78	Cefotiam:ab,ti	117
#79	Cefoxitin:ab,ti	438
#80	Cefsulodin:ab,ti	12
#81	Ceftazidime:ab,ti	927
#82	Ceftibuten:ab,ti	79
#83	Ceftizoxime:ab,ti	136
#84	Ceftriaxone:ab,ti	1 354
#85	Cefuroxime:ab,ti	832
#86	Cephacetrile:ab,ti	9
#87	Cephalexin:ab,ti	388
#88	Cephaloglycin:ab,ti	12
#89	Cephaloridine:ab,ti	72
#90	Cephalothin:ab,ti	179
#91	Cephamycin?:ab,ti	27
#92	Cephapirin:ab,ti	21
#93	Cephradine:ab,ti	113
#94	Chloramphenicol:ab,ti	467
#95	Chlortetracycline:ab,ti	29
#96	Ciprofloxacin:ab,ti	2 296
#97	Citrinin:ab,ti	0



#98	Clarithromycin:ab,ti	2 811
#99	Clavulanic Acid?:ab,ti	727
#100	clavulanate:ab,ti	710
#101	Clindamycin:ab,ti	1 524
#102	Cloxacillin:ab,ti	152
#103	Colistin:ab,ti	330
#104	Cyclacillin:ab,ti	14
#105	Dactinomycin:ab,ti	119
#106	dalbavancin:ab,ti	44
#107	Daptomycin:ab,ti	159
#108	Demeclocycline:ab,ti	22
#109	Dibekacin:ab,ti	8
#110	Dicloxacillin:ab,ti	72
#111	Dihydrostreptomycin:ab,ti	3
#112	Diketopiperazines:ab,ti	3
#113	Distamycins:ab,ti	0
#114	Doripenem:ab,ti	84
#115	Doxycycline:ab,ti	1 766
#116	Echinomycin:ab,ti	1
#117	Edeine:ab,ti	0
#118	Enoxacin:ab,ti	105
#119	Enrofloxacin:ab,ti	11
#120	Enviomycin:ab,ti	0
#121	Ertapenem:ab,ti	160
#122	Erythromycin:ab,ti	1 743
#123	Fidaxomicin:ab,ti	106
#124	Filipin:ab,ti	11



#125	Floxacillin:ab,ti	0
#126	Flucloxacillin:ab,ti	175
#127	Fosfomycin:ab,ti	238
#128	Framycetin:ab,ti	26
#129	Fusidic Acid:ab,ti	176
#130	furazolidone:ab,ti	230
#131	Gatifloxacin:ab,ti	264
#132	Gatifloxacin:ab,ti	264
#133	Gentamicins:ab,ti	1
#134	Gramicidin:ab,ti	29
#135	Hygromycin B:ab,ti	2
#136	Imipenem:ab,ti	601
#137	Josamycin:ab,ti	65
#138	Kanamycin:ab,ti	110
#139	Kitasamycin:ab,ti	1
#140	Lactams:ab,ti	170
#141	Lasalocid:ab,ti	1
#142	Leucomycins:ab,ti	0
#143	Levofloxacin:ab,ti	1 324
#144	Lincomycin:ab,ti	68
#145	Lincosamides:ab,ti	6
#146	Linezolid:ab,ti	428
#147	Lomefloxacin:ab,ti	152
#148	Lucensomycin:ab,ti	0
#149	Lymecycline:ab,ti	57
#150	Mafenide:ab,ti	12
#151	Meparticin:ab,ti	26



#152	Meropenem:ab,ti	526
#153	Methacycline:ab,ti	15
#154	Methicillin:ab,ti	1 108
#155	Metronidazole:ab,ti	3 936
#156	Mezlocillin:ab,ti	197
#157	Mikamycin:ab,ti	0
#158	Minocycline:ab,ti	885
#159	Miocamycin:ab,ti	14
#160	Moxalactam:ab,ti	129
#161	Moxifloxacin:ab,ti	1 215
#162	Mupirocin:ab,ti	398
#163	Mycobacillin:ab,ti	0
#164	Nadifloxacin:ab,ti	35
#165	Nafcillin:ab,ti	37
#166	Nalidixic Acid:ab,ti	117
#167	Natamycin:ab,ti	60
#168	Nebramycin:ab,ti	0
#169	Neomycin:ab,ti	419
#170	Netilmicin:ab,ti	246
#171	Netropsin:ab,ti	0
#172	Nigericin:ab,ti	1
#173	Nisin:ab,ti	1
#174	Nitrofurantoin:ab,ti	258
#175	Norfloxacin:ab,ti	478
#176	Novobiocin:ab,ti	16
#177	Nystatin:ab,ti	353
#178	Ofloxacin:ab,ti	935



#179	Oleandomycin:ab,ti	5
#180	Oligomycin?:ab,ti	4
#181	Oritavancin:ab,ti	33
#182	Oxacillin:ab,ti	109
#183	Oxolinic Acid:ab,ti	7
#184	Oxytetracycline:ab,ti	157
#185	Paromomycin:ab,ti	95
#186	Pefloxacin:ab,ti	159
#187	Pefloxacin:ab,ti	159
#188	Penicillic Acid:ab,ti	0
#189	Penicillin G:ab,ti	580
#190	Penicillin V:ab,ti	401
#191	Pipemidic Acid:ab,ti	58
#192	Piperacillin:ab,ti	772
#193	Pivampicillin:ab,ti	112
#194	Polymyxin B:ab,ti	285
#195	Polymyxins:ab,ti	14
#196	Pristinamycin:ab,ti	35
#197	Prodigiosin:ab,ti	0
#198	Ribostamycin:ab,ti	5
#199	Rifabutin:ab,ti	203
#200	Rifamycin?:ab,ti	130
#201	Rifaximin:ab,ti	570
#202	Ristocetin:ab,ti	141
#203	Rolitetracycline:ab,ti	4
#204	Roxarsone:ab,ti	1
#205	Roxithromycin:ab,ti	252



#206	Rutamycin:ab,ti	0
#207	Sirolimus:ab,ti	2 435
#208	Sisomicin:ab,ti	58
#209	Spectinomycin:ab,ti	100
#210	Spiramycin:ab,ti	88
#211	Streptogramin A:ab,ti	12
#212	Streptogramin Group A:ab,ti	7
#213	Streptogramin Group B:ab,ti	1
#214	Streptogramins:ab,ti	5
#215	Streptomycin:ab,ti	448
#216	Streptovaricin:ab,ti	0
#217	Sulbactam:ab,ti	450
#218	Sulbenicillin:ab,ti	6
#219	Sulfacetamide:ab,ti	27
#220	Sulfadiazine:ab,ti	350
#221	Sulfamerazine:ab,ti	1
#222	Sulfamethoxypyridazine:ab,ti	4
#223	Sulfanilamide:ab,ti	14
#224	Sulfasalazine:ab,ti	784
#225	Sulfisoxazole:ab,ti	54
#226	Sulfamethizole:ab,ti	18
#227	Talampicillin:ab,ti	17
#228	Tazobactam:ab,ti	509
#229	Teicoplanin:ab,ti	249
#230	telavancin:ab,ti	57
#231	Thiamphenicol:ab,ti	43
#232	Thienamycins:ab,ti	0



#233	Thiostrepton:ab,ti	1
#234	Ticarcillin:ab,ti	234
#235	Tigecycline:ab,ti	143
#236	Tinidazole:ab,ti	532
#237	Tinidazole:ab,ti	532
#238	Tobramycin:ab,ti	1 275
#239	torezolid:ab,ti	3
#240	tedizolid:ab,ti	55
#241	Trimethoprim:ab,ti	1 421
#242	Sulfamethoxazole:ab,ti	979
#243	Temocillin:ab,ti	22
#244	Troleandomycin:ab,ti	31
#245	Tunicamycin:ab,ti	5
#246	Tylosin:ab,ti	5
#247	Tyrocidine:ab,ti	0
#248	Tyrothricin:ab,ti	14
#249	Valinomycin:ab,ti	1
#250	Vancomycin:ab,ti	16 70
#251	Vernamycin B:ab,ti	0
#252	Viomycin:ab,ti	3
#253	Virginiamycin:ab,ti	5
#254	amox-clav:ab,ti	9
#255	amoxicillin-clavulanic acid:ab,ti	374
#256	augmentin:ab,ti	212
#257	brl-25000:ab,ti	3
#258	brl25000:ab,ti	5
#259	clavulin:ab,ti	3



#260	co-amoxiclav:ab,ti	153
#261	coamoxiclav:ab,ti	158
#262	spektramox:ab,ti	5
#263	synulox:ab,ti	0
#264	brl-14151:ab,ti	0
#265	brl14151:ab,ti	0
#266	mm-14151:ab,ti	0
#267	mm14151:ab,ti	0
#268	tazocel:ab,ti	0
#269	tazocillin:ab,ti	2
#270	tazocin:ab,ti	16
#271	zosyn:ab,ti	4
#272	betamaze:ab,ti	0
#273	cp-45899:ab,ti	0
#274	cp45899:ab,ti	0
#275	combactam:ab,ti	2
#276	ytr 830h:ab,ti	0
#277	ytr-830:ab,ti	0
#278	ytr830:ab,ti	0
#279	#42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80 or #81 or #82 or #83 or #84 or #85 or #86 or #87 or #88 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 or #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120 or #121 or #122 or #123 or #124 or #125 or #126 or #127 or #128 or #129 or #130 or #131 or #132 or #133 or #134 or #135 or #136 or #137 or #138 or #139 or #140 or #141 or #142 or #143 or #144 or #145 or #146 or #147 or #148 or #149 or #150 or #151 or #152 or #153 or #154 or #155 or #156 or #157 or #158 or #159 or #160 or #161 or #162 or #163 or #164 or #165 or #166 or #167 or #168 or #169 or #170 or #171 or #172 or #173 or #174 or #175 or #176 or #177 or #178 or #179 or #180 or #181 or #182 or #183 or #184 or #185 or #186 or #187 or #188 or #189 or #190 or #191 or #192 or #193 or #194 or #195 or #196 or #197 or #198 or #199 or #200 or #201 or #202 or #203 or #204 or #205 or #206 or #207 or #208 or #209 or #210 or #211 or #212 or #213 or #214 or #215 or #216 or #217 or #218 or #219 or #220 or #221 or #222 or #223 or #224	40 049



or #225 or #226 or #227 or #228 or #229 or #230 or #231 or #232 or #233 or #234 or #235 or #236 or #237 or #238 or #239 or #240 or #241 or #242 or #243 or #244 or #245 or #246 or #247 or #248 or #249 or #250 or #251 or #252 or #253 or #254 or #255 or #256 or #257 or #258 or #259 or #260 or #261 or #262 or #263 or #264 or #265 or #266 or #267 or #268 or #269 or #270 or #271 or #272 or #273 or #274 or #275 or #276 or #277 or #278

#280	#18 or #26 or #41 or #279	68 860
#281	#17 AND #280	588
#282	#281 with Publication Year from 2012 to 2019, in Trials	283

#### Comments

##### 2.9.1.3 Embase

Date	23 October 2019	
Database	Embase.com	
Search strategy		
ID	Search	Results
#1	'tooth extraction'/exp OR 'tooth extraction'	25 773
#2	((tooth OR teeth) NEAR/5 extract*):ab,ti,kw	16 863
#3	((tooth OR teeth) NEAR/5 remov*):ab,ti,kw	4 413
#4	((tooth OR teeth) NEAR/5 surg*):ab,ti,kw	3 009
#5	(dental NEAR/5 extract*):ab,ti,kw	4 407
#6	(molar\$ NEAR/5 (extract* OR remov* OR surg*)):ab,ti,kw	9 761
#7	(canine\$ NEAR/5 (extract* OR remov* OR surg*)):ab,ti,kw	2 058
#8	(premolar\$ NEAR/5 (extract* OR remov* OR surg*)):ab,ti,kw	4 209
#9	(incisor\$ NEAR/5 (extract* OR remov* OR surg*)):ab,ti,kw	2 018
#10	(cuspid\$ NEAR/5 (extract* OR remov* OR surg*)):ab,ti,kw	68
#11	(bicupid\$ NEAR/5 (extract* OR remov* OR surg*)):ab,ti,kw	400
#12	exodontia:ab,ti,kw	385
#13	odontectom*:ab,ti,kw	56
#14	exodontic\$:ab,ti,kw	43



#15	extraction\$:ti,kw AND (dental:jt OR dentistry:jt OR orthodont*:jt OR oral:jt)	4 071
#16	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15	39 359
#17	#1 OR #16	49 730
#18	'antiinfective agent'/exp	3 519 886
#19	antibiotic*:ab,ti,kw,jt	457 758
#20	'anti biotic*':ab,ti,kw,jt	311
#21	bacteriocid*:ab,ti,kw,jt	710
#22	anti\$bacterial*:ab,ti,kw,jt	98 026
#23	anti\$mycobacterial*:ab,ti,kw,jt	4 700
#24	anti\$infect*:ab,ti,kw,jt	1 720
#25	anti\$microbial*:ab,ti,kw,jt	255 102
#26	#19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25	698 799
#27	aminoglycoside\$:ab,ti,kw,tn	23 644
#28	ansamycin\$:ab,ti,kw,tn	739
#29	(('beta lactamase' OR 'b lactamase') NEAR/3 (antagonist\$ OR inhibitor\$)):ab,ti,kw,jt	1 091
#30	carbapenem\$:ab,ti,kw,tn	16 946
#31	penicillin\$:ab,ti,kw,tn	65 029
#32	cephalosporin\$:ab,ti,kw,tn	28 808
#33	lincosamide\$:ab,ti,kw,tn	1 753
#34	macrolide\$:ab,ti,kw,tn	21 128
#35	monobactam\$:ab,ti,kw,tn	954
#36	nitrofuran\$:ab,ti,kw,tn	1 532
#37	oxazolidinone\$:ab,ti,kw,tn	3 150
#38	carboxypenicillin\$:ab,ti,kw,tn	53
#39	sulfonamide\$:ab,ti,kw,tn	17 194
#40	tetracycline\$:ab,ti,kw,tn	41 772
#41	#27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40	188 416



#42	alamethicin:ab,ti,kw,rn,tn	848
#43	amikacin:ab,ti,kw,rn,tn	13 147
#44	amoxicillin:ab,ti,kw,rn,tn	21 760
#45	'amoxicillin potassium':ab,ti,kw,rn,tn	34
#46	'amphotericin b':ab,ti,kw,rn,tn	22 913
#47	ampicillin:ab,ti,kw,rn,tn	28 257
#48	anisomycin:ab,ti,kw,rn,tn	1 843
#49	'antimycin a':ab,ti,kw,rn,tn	2 692
#50	aurodox:ab,ti,kw,rn,tn	39
#51	azithromycin:ab,ti,kw,rn,tn	12 283
#52	aztreonam:ab,ti,kw,rn,tn	4 236
#53	bacitracin:ab,ti,kw,rn,tn	3 502
#54	bacteriocin\$:ab,ti,kw,rn,tn	6 107
#55	bambermycin\$:ab,ti,kw,rn,tn	39
#56	'bongrekic acid':ab,ti,kw,rn,tn	401
#57	'brefeldin a':ab,ti,kw,rn,tn	4 150
#58	butirosin:ab,ti,kw,rn,tn	136
#59	calcimycin:ab,ti,kw,rn,tn	234
#60	candidin:ab,ti,kw,rn,tn	168
#61	capreomycin:ab,ti,kw,rn,tn	726
#62	carbenicillin:ab,ti,kw,rn,tn	2 751
#63	carfecillin:ab,ti,kw,rn,tn	82
#64	cefaclor:ab,ti,kw,rn,tn	2 349
#65	cefadroxil:ab,ti,kw,rn,tn	927
#66	cefamandole:ab,ti,kw,rn,tn	1 542
#67	cefatrizine:ab,ti,kw,rn,tn	200
#68	cefazolin:ab,ti,kw,rn,tn	5 791



#69	cefdinir:ab,ti,kw,rn,tn	702
#70	cefepime:ab,ti,kw,rn,tn	5 253
#71	cefixime:ab,ti,kw,rn,tn	2 608
#72	cefmenoxime:ab,ti,kw,rn,tn	610
#73	cefmetazole:ab,ti,kw,rn,tn	830
#74	cefonicid:ab,ti,kw,rn,tn	291
#75	cefoperazone:ab,ti,kw,rn,tn	3 709
#76	cefotaxime:ab,ti,kw,rn,tn	10 847
#77	cefotetan:ab,ti,kw,rn,tn	1 021
#78	cefotiam:ab,ti,kw,rn,tn	1 046
#79	cefoxitin:ab,ti,kw,rn,tn	5 382
#80	cefsulodin:ab,ti,kw,rn,tn	735
#81	ceftazidime:ab,ti,kw,rn,tn	12 181
#82	ceftibuten:ab,ti,kw,rn,tn	396
#83	ceftizoxime:ab,ti,kw,rn,tn	1 274
#84	ceftriaxone:ab,ti,kw,rn,tn	16 056
#85	cefuroxime:ab,ti,kw,rn,tn	6 031
#86	cephacetrile:ab,ti,kw,rn,tn	193
#87	cephalexin:ab,ti,kw,rn,tn	3 426
#88	cephaloglycin:ab,ti,kw,rn,tn	100
#89	cephaloridine:ab,ti,kw,rn,tn	1 409
#90	cephalothin:ab,ti,kw,rn,tn	3 359
#91	cephamycin\$:ab,ti,kw,rn,tn	903
#92	cephapirin:ab,ti,kw,rn,tn	404
#93	cephradine:ab,ti,kw,rn,tn	740
#94	chloramphenicol:ab,ti,kw,rn,tn	28 080
#95	chlortetracycline:ab,ti,kw,rn,tn	2 790



#96	ciprofloxacin:ab,ti,kw,rn,tn	34 328
#97	citrinin:ab,ti,kw,rn,tn	930
#98	clarithromycin:ab,ti,kw,rn,tn	13 297
#99	"clavulanic acid\$":ab,ti,kw,rn,tn	7 259
#100	clavulanate:ab,ti,kw,rn,tn	4 626
#101	clindamycin:ab,ti,kw,rn,tn	13 606
#102	cloxacillin:ab,ti,kw,rn,tn	2 153
#103	colistin:ab,ti,kw,rn,tn	7831
#104	cyclacillin:ab,ti,kw,rn,tn	97
#105	dactinomycin:ab,ti,kw,rn,tn	1 089
#106	dalbavancin:ab,ti,kw,rn,tn	498
#107	daptomycin:ab,ti,kw,rn,tn	4 214
#108	demeclocycline:ab,ti,kw,rn,tn	391
#109	dibekacins:ab,ti,kw,rn,tn	431
#110	dicloxacillin:ab,ti,kw,rn,tn	843
#111	dihydrostreptomycin:ab,ti,kw,rn,tn	1 018
#112	diketopiperazines:ab,ti,kw,rn,tn	638
#113	distamycins:ab,ti,kw,rn,tn	35
#114	doripenem:ab,ti,kw,rn,tn	989
#115	doxycycline:ab,ti,kw,rn,tn	18 953
#116	echinomycin:ab,ti,kw,rn,tn	315
#117	edine:ab,ti,kw,rn,tn	120
#118	enoxacin:ab,ti,kw,rn,tn	1 289
#119	enrofloxacin:ab,ti,kw,rn,tn	2 815
#120	enviomycin:ab,ti,kw,rn,tn	54
#121	ertapenem:ab,ti,kw,rn,tn	2 415
#122	erythromycin:ab,ti,kw,rn,tn	24 917



#123	fidaxomicin:ab,ti,kw,rn,tn	689
#124	filipin:ab,ti,kw,rn,tn	1 546
#125	floxacillin:ab,ti,kw,rn,tn	15
#126	flucloxacillin:ab,ti,kw,rn,tn	1 412
#127	fosfomycin:ab,ti,kw,rn,tn	3 995
#128	framycetin:ab,ti,kw,rn,tn	220
#129	'fusidic acid':ab,ti,kw,rn,tn	2 161
#130	furazolidone:ab,ti,kw,rn,tn	1 622
#131	gatifloxacin:ab,ti,kw,rn,tn	2 148
#132	gatifloxacin:ab,ti,kw,rn,tn	2 148
#133	gentamicins:ab,ti,kw,rn,tn	88
#134	gramicidin:ab,ti,kw,rn,tn	3 676
#135	'hygromycin b':ab,ti,kw,rn,tn	953
#136	imipenem:ab,ti,kw,rn,tn	14 681
#137	josamycin:ab,ti,kw,rn,tn	870
#138	kanamycin:ab,ti,kw,rn,tn	9 770
#139	kitasamycin:ab,ti,kw,rn,tn	95
#140	lactams:ab,ti,kw,rn,tn	13 221
#141	lasalocid:ab,ti,kw,rn,tn	642
#142	leucomycins:ab,ti,kw,rn,tn	26
#143	levofloxacin:ab,ti,kw,rn,tn	11 755
#144	lincomycin:ab,ti,kw,rn,tn	2 679
#145	lincosamides:ab,ti,kw,rn,tn	815
#146	linezolid:ab,ti,kw,rn,tn	8 244
#147	lomefloxacin:ab,ti,kw,rn,tn	1 131
#148	lucensomycin:ab,ti,kw,rn,tn	31
#149	lymecycline:ab,ti,kw,rn,tn	157



#150	mafénide:ab,ti,kw,rn,tn	199
#151	meparticin:ab,ti,kw,rn,tn	137
#152	meropenem:ab,ti,kw,rn,tn	10 449
#153	methacycline:ab,ti,kw,rn,tn	211
#154	methicillin:ab,ti,kw,rn,tn	41 066
#155	metronidazole:ab,ti,kw,rn,tn	21 556
#156	mezlocillin:ab,ti,kw,rn,tn	1 215
#157	mikamycin:ab,ti,kw,rn,tn	43
#158	minocycline:ab,ti,kw,rn,tn	8 952
#159	miocamycin:ab,ti,kw,rn,tn	156
#160	moxalactam:ab,ti,kw,rn,tn	1 459
#161	moxifloxacin:ab,ti,kw,rn,tn	6 401
#162	mupirocin:ab,ti,kw,rn,tn	2 467
#163	mycobacillin:ab,ti,kw,rn,tn	61
#164	nadifloxacin:ab,ti,kw,rn,tn	136
#165	nafcillin:ab,ti,kw,rn,tn	873
#166	'nalidixic acid':ab,ti,kw,rn,tn	6 308
#167	natamycin:ab,ti,kw,rn,tn	733
#168	nebramycin:ab,ti,kw,rn,tn	40
#169	neomycin:ab,ti,kw,rn,tn	10 513
#170	netilmicin:ab,ti,kw,rn,tn	2 264
#171	netropsin:ab,ti,kw,rn,tn	651
#172	nigericin:ab,ti,kw,rn,tn	1 716
#173	nisin:ab,ti,kw,rn,tn	2 330
#174	nitrofurantoin:ab,ti,kw,rn,tn	4 726
#175	norfloxacin:ab,ti,kw,rn,tn	5 843
#176	novobiocin:ab,ti,kw,rn,tn	2 575



#177	nystatin:ab,ti,kw,rn,tn	4 513
#178	ofloxacin:ab,ti,kw,rn,tn	8 899
#179	oleandomycin:ab,ti,kw,rn,tn	790
#180	oligomycin\$:ab,ti,kw,rn,tn	3 841
#181	oritavancin:ab,ti,kw,rn,tn	430
#182	oxacillin:ab,ti,kw,rn,tn	5 685
#183	'oxolinic acid':ab,ti,kw,rn,tn	726
#184	oxytetracycline:ab,ti,kw,rn,tn	5 380
#185	paromomycin:ab,ti,kw,rn,tn	1 474
#186	pefloxacin:ab,ti,kw,rn,tn	1 612
#187	pefloxacin:ab,ti,kw,rn,tn	1 612
#188	'penicillic acid':ab,ti,kw,rn,tn	255
#189	'penicillin g':ab,ti,kw,rn,tn	7 553
#190	'penicillin v':ab,ti,kw,rn,tn	1 412
#191	'pipemidic acid':ab,ti,kw,rn,tn	629
#192	piperacillin:ab,ti,kw,rn,tn	10 727
#193	pivampicillin:ab,ti,kw,rn,tn	411
#194	'polymyxin b':ab,ti,kw,rn,tn	5 864
#195	polymyxins:ab,ti,kw,rn,tn	999
#196	pristinamycin:ab,ti,kw,rn,tn	591
#197	prodigiosin:ab,ti,kw,rn,tn	608
#198	ribostamycin:ab,ti,kw,rn,tn	193
#199	rifabutin:ab,ti,kw,rn,tn	1 586
#200	rifamycin\$:ab,ti,kw,rn,tn	2 348
#201	rifaximin:ab,ti,kw,rn,tn	2 260
#202	ristocetin:ab,ti,kw,rn,tn	4 122
#203	rolitetracycline:ab,ti,kw,rn,tn	129



#204	roxarsone:ab,ti,kw,rn,tn	229
#205	roxithromycin:ab,ti,kw,rn,tn	1 823
#206	rutamycin:ab,ti,kw,rn,tn	68
#207	sirolimus:ab,ti,kw,rn,tn	14 592
#208	sisomicin:ab,ti,kw,rn,tn	895
#209	spectinomycin:ab,ti,kw,rn,tn	2 411
#210	spiramycin:ab,ti,kw,rn,tn	1 455
#211	'streptogramin a':ab,ti,kw,rn,tn	113
#212	'streptogramin group a':ab,ti,kw,rn,tn	5
#213	'streptogramin group b':ab,ti,kw,rn,tn	5
#214	streptogramins:ab,ti,kw,rn,tn	385
#215	streptomycin:ab,ti,kw,rn,tn	23 443
#216	streptovaricin:ab,ti,kw,rn,tn	94
#217	sulbactam:ab,ti,kw,rn,tn	5 007
#218	sulbenicillin:ab,ti,kw,rn,tn	191
#219	sulfacetamide:ab,ti,kw,rn,tn	313
#220	sulfadiazine:ab,ti,kw,rn,tn	3 824
#221	sulfamerazine:ab,ti,kw,rn,tn	434
#222	sulfamethoxypyridazine:ab,ti,kw,rn,tn	335
#223	sulfanilamide:ab,ti,kw,rn,tn	1 298
#224	sulfasalazine:ab,ti,kw,rn,tn	5 335
#225	sulfisoxazole:ab,ti,kw,rn,tn	777
#226	sulfamethizole:ab,ti,kw,rn,tn	226
#227	talampicillin:ab,ti,kw,rn,tn	148
#228	tazobactam:ab,ti,kw,rn,tn	8 064
#229	teicoplanin:ab,ti,kw,rn,tn	4 902
#230	telavancin:ab,ti,kw,rn,tn	519



#231	thiamphenicol:ab,ti,kw,rn,tn	860
#232	thienamycins:ab,ti,kw,rn,tn	9
#233	thiostrepton:ab,ti,kw,rn,tn	601
#234	ticarcillin:ab,ti,kw,rn,tn	2 508
#235	tigecycline:ab,ti,kw,rn,tn	4 535
#236	tinidazole:ab,ti,kw,rn,tn	1 817
#237	tinidazole:ab,ti,kw,rn,tn	1 817
#238	tobramycin:ab,ti,kw,rn,tn	9 200
#239	torezolid:ab,ti,kw,rn,tn	41
#240	tedizolid:ab,ti,kw,rn,tn	359
#241	trimethoprim:ab,ti,kw,rn,tn	20 521
#242	sulfamethoxazole:ab,ti,kw,rn,tn	15 498
#243	temocillin:ab,ti,kw,rn,tn	367
#244	troleandomycin:ab,ti,kw,rn,tn	660
#245	tunicamycin:ab,ti,kw,rn,tn	5 973
#246	tylosin:ab,ti,kw,rn,tn	1 649
#247	tyrocidine:ab,ti,kw,rn,tn	193
#248	tyrothrinicin:ab,ti,kw,rn,tn	214
#249	valinomycin:ab,ti,kw,rn,tn	3 080
#250	vancomycin:ab,ti,kw,rn,tn	38 121
#251	vernamicin AND b:ab,ti,kw,rn,tn	23
#252	viomycin:ab,ti,kw,rn,tn	469
#253	virginiamycin:ab,ti,kw,rn,tn	592
#254	'amox clav':ab,ti,kw,rn,tn	30
#255	'amoxicillin-clavulanic acid':ab,ti,kw,rn,tn	3 289
#256	augmentin:ab,ti,kw,rn,tn	3 898
#257	'brl 25000':ab,ti,kw,rn,tn	107



#258	bri25000:ab,ti,kw,rn,tn	80
#259	clavulin:ab,ti,kw,rn,tn	58
#260	'co amoxiclav':ab,ti,kw,rn,tn	947
#261	coamoxiclav:ab,ti,kw,rn,tn	178
#262	spektramox:ab,ti,kw,rn,tn	22
#263	synulox:ab,ti,kw,rn,tn	132
#264	'bri 14151':ab,ti,kw,rn,tn	20
#265	bri14151:ab,ti,kw,rn,tn	3
#266	'mm 14151':ab,ti,kw,rn,tn	2
#267	mm14151:ab,ti,kw,rn,tn	0
#268	tazocel:ab,ti,kw,rn,tn	8
#269	tazocillin:ab,ti,kw,rn,tn	27
#270	tazocin:ab,ti,kw,rn,tn	537
#271	zosyn:ab,ti,kw,rn,tn	610
#272	betamaze:ab,ti,kw,rn,tn	5
#273	'cp 45899':ab,ti,kw,rn,tn	76
#274	cp45899:ab,ti,kw,rn,tn	1
#275	combactam:ab,ti,kw,rn,tn	42
#276	'ytr 830h':ab,ti,kw,rn,tn	21
#277	'ytr 830':ab,ti,kw,rn,tn	44
#278	ytr830:ab,ti,kw,rn,tn	1
#279	#42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70 OR #71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82 OR #83 OR #84 OR #85 OR #86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123 OR #124 OR #125 OR #126 OR #127 OR #128 OR #129 OR #130 OR #131 OR #132 OR #133 OR #134 OR #135 OR #136 OR #137 OR #138 OR #139 OR #140 OR #141 OR #142 OR #143 OR #144 OR #145 OR #146 OR #147 OR #148 OR #149 OR #150 OR #151 OR #152 OR #153 OR #154 OR #155 OR #156 OR #157 OR #158 OR #159 OR #160	510 282



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OR #161 OR #162 OR #163 OR #164 OR #165 OR #166 OR #167 OR #168 OR #169 OR #170 OR #171 OR #172 OR #173 OR #174 OR #175 OR #176 OR #177 OR #178 OR #179 OR #180 OR #181 OR #182 OR #183 OR #184 OR #185 OR #186 OR #187 OR #188 OR #189 OR #190 OR #191 OR #192 OR #193 OR #194 OR #195 OR #196 OR #197 OR #198 OR #199 OR #200 OR #201 OR #202 OR #203 OR #204 OR #205 OR #206 OR #207 OR #208 OR #209 OR #210 OR #211 OR #212 OR #213 OR #214 OR #215 OR #216 OR #217 OR #218 OR #219 OR #220 OR #221 OR #222 OR #223 OR #224 OR #225 OR #226 OR #227 OR #228 OR #229 OR #230 OR #231 OR #232 OR #233 OR #234 OR #235 OR #236 OR #237 OR #238 OR #239 OR #240 OR #241 OR #242 OR #243 OR #244 OR #245 OR #246 OR #247 OR #248 OR #249 OR #250 OR #251 OR #252 OR #253 OR #254 OR #255 OR #256 OR #257 OR #258 OR #259 OR #260 OR #261 OR #262 OR #263 OR #264 OR #265 OR #266 OR #267 OR #268 OR #269 OR #270 OR #271 OR #272 OR #273 OR #274 OR #275 OR #276 OR #277 OR #278

#280	#18 OR #26 OR #41 OR #279	3 743 292
#281	#17 AND #280	6 328
#282	#281 NOT [medline]/lim	1 472
#283	#282 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	948
#284	#283 AND ('meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review')	16
#285	#283 AND (random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti))	107
#286	#285 AND [2012-2019]/py	84

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**Comments**



## 2.10 Antibiotic prophylaxis in patients at (high) risk of bacterial endocarditis

### 2.10.1 Systematic reviews and RCT

#### 2.10.1.1 Ovid MEDLINE

Date	19 September 2019	Results
ID	Search	
1	exp Endocarditis, Bacterial/	20 665
2	(endocarditis adj3 bacterial).ab,ti,kf.	6 076
3	(endocard* adj3 (inflamm* or infect*)).ab,ti,kf.	13 619
4	(ABE or SABE).ab,ti,kf.	1 425
5	(staphylococc* adj5 endocard*).ab,ti,kf.	1 858
6	(streptococc* adj5 endocard*).ab,ti,kf.	1 574
7	(enterococc* adj5 endocard*).ab,ti,kf.	622
8	(aureus adj5 endocard*).ab,ti,kf.	1 093
9	(bovis adj5 endocard*).ab,ti,kf.	199
10	(septic adj5 endocard*).ab,ti,kf.	666
11	(pseudomonas adj5 endocard*).ab,ti,kf.	185
12	2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11	2 2742
13	1 or 12	30 220
14	antibiotic prophylaxis/	13 269
15	premedication/	12 400
16	exp infection/pc	86 891
17	chemoprevention/	5 730
18	14 or 15 or 16 or 17	110 143



19	prophyla*.ab,ti,kf.	158 404
20	premedicat*.ab,ti,kf.	9 313
21	chemoprevent*.ab,ti,kf.	20 614
22	(infect* adj5 prevent*).ab,ti,kf.	58 064
23	(infect* adj5 reduc*).ti,kf.	3 539
24	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj5 (preimplant* or prereimplant*).ab,ti,kf.	6
25	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 (prevent* or premedication).ab,ti,kf.	4 647
26	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 prior).ti,kf.	149
27	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 peri?operat*).ab,ti,kf.	1 616
28	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 pre?operat*).ab,ti,kf.	1 243
29	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 post?operat*).ab,ti,kf.	1 742
30	19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29	244 970
31	18 or 30	320 570
32	13 and 31	3 140
33	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ((evidence based).ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and (((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri*)) or 'exclusion criteri*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview* or review or reviews or search* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.))) not (letter or 'newspaper article').pt. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	365 486
34	32 and 33	150
35	limit 34 to yr="2012-2019"	28



36	randomized controlled trial.pt.	489 565
37	controlled clinical trial.pt.	93 261
38	randomized.ti,ab.	490 615
39	placebo.ti,ab.	206 136
40	clinical trials as topic/	188 432
41	randomly.ti,ab.	318 978
42	trial?.ti.	273 250
43	36 or 37 or 38 or 39 or 40 or 41 or 42	1 270 336
44	exp animal/ not humans/	4 616 788
45	43 not 44	1 169 284
46	32 and 45	121
47	46 not 34	102
48	limit 47 to yr="2012-2019"	17
49	limit 47 to yr="2000-2019"	53

**Comments** Export line for SR: 35  
Export line for RCT: 49

2.10.1.2 *Cochrane*

Date	30 September 2019	Search	Results
Search strategy			
ID			
#1	[mh "Endocarditis, Bacterial"]		111
#2	(endocarditis NEAR/3 bacterial):ab,ti		46
#3	(endocard* NEAR/3 (inflamm* or infect*)):ab,ti		230
#4	(ABE or SABE):ab,ti		450
#5	(staphylococc* NEAR/5 endocard*):ab,ti		42
#6	(streptococc* NEAR/5 endocard*):ab,ti		17
#7	(enterococc* NEAR/5 endocard*):ab,ti		6
#8	(aureus NEAR/5 endocard*):ab,ti		40
#9	(bovis NEAR/5 endocard*):ab,ti		0
#10	(septic NEAR/5 endocard*):ab,ti		6
#11	(pseudomonas NEAR/5 endocard*):ab,ti		0
#12	#2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11		754
#13	#1 or #12		797
#14	[mh ^"antibiotic prophylaxis"]		1 228
#15	[mh ^"premedication"]		2 985
#16	[mh "infection"/PC]		6 474
#17	[mh ^"chemoprevention"]		336
#18	#14 or #15 or #16 or #17		9 592
#19	prophyla*:ab,ti		31 836
#20	premedicat*:ab,ti		5 308
#21	chemoprevent*:ab,ti		1 573
#22	(infect* NEAR/5 prevent*):ab,ti		6 527



#23	(infect* NEAR/5 reduc*):ti	871
#24	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/5 (preimplant* or prereimplant*):ab,ti	0
#25	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/3 (prevent* or premedication)):ab,ti	674
#26	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/3 prior):ti	13
#27	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/3 peri?operat*):ab,ti	296
#28	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/3 pre?operat*):ab,ti	211
#29	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/3 post?operat*):ab,ti	286
#30	#19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29	44 068
#31	#18 or #30	48 800
#32	#13 and #31	123
#33	#32 with Cochrane Library publication date Between Jan 2012 and Dec 2019	67
#34	#32 with Cochrane Library publication date Between Jan 2000 and Dec 2019	88
<b>Comments</b>		

2.10.1.3 *Embase*

Date	30 September 2019	
Database	Embase.com	
Search strategy		
ID	Search	Results
#1	'bacterial endocarditis'/exp	28 578
#2	(endocarditis NEAR/3 bacterial):ab,ti,kw	6 332
#3	(endocard* NEAR/3 (inflamm* OR infect*)):ab,ti,kw	18 868
#4	abe:ab,ti,kw OR sabe:ab,ti,kw	2 176
#5	(staphylococc* NEAR/5 endocard*):ab,ti,kw	2 445
#6	(streptococc* NEAR/5 endocard*):ab,ti,kw	1 994
#7	(enterococc* NEAR/5 endocard*):ab,ti,kw	778
#8	(aureus NEAR/5 endocard*):ab,ti,kw	1 542
#9	(bovis NEAR/5 endocard*):ab,ti,kw	269
#10	(septic NEAR/5 endocard*):ab,ti,kw	985
#11	(pseudomonas NEAR/5 endocard*):ab,ti,kw	215
#12	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	29 360
#13	#1 OR #12	39 195
#14	'antibiotic prophylaxis'/de	29 947
#15	'premedication'/de	19 663
#16	'infection'/exp/dm_pc	331 138
#17	'chemoprophylaxis'/de	24 318
#18	#14 OR #15 OR #16 OR #17	386 294
#19	prophyla*:ab,ti,kw	236 138
#20	premedicat*:ab,ti,kw	13 254
#21	chemoprevent*:ab,ti,kw	27 071
#22	(infect* NEAR/5 prevent*):ab,ti,kw	73 636



#23	(infect* NEAR/5 reduc*):ti,kw	4 940
#24	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/5 (preimplant* OR prereimplant*)):ab,ti,kw	6
#25	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 (prevent* OR premedication)):ab,ti,kw	6 181
#26	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 prior):ti,kw	222
#27	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 peri\$operat*):ab,ti,kw	2 298
#28	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 pre\$operat*):ab,ti,kw	1 687
#29	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 post\$operat*):ab,ti,kw	2 359
#30	#19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29	348 114
#31	#18 OR #30	649 135
#32	#13 AND #31	4 508
#33	'meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review'	413 727
#34	#32 AND #33	86
#35	#34 AND [2012-2019]/py	52
#36	random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti)	1 707 574
Lines 37-81 not used in exported result set		
#82	#32 NOT [medline]/lim	1 101
#83	#82 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	738
#84	#83 AND [2000-2019]/py	523
#85	#84 AND #33	15
#86	#84 AND #36	34
<b>Comments</b>	Line #85 SR export Line #86 RCT export	



## 2.10.2 Other (primary) studies

### 2.10.2.1 Ovid MEDLINE

Date	11 February 2020	Results
ID	Search	
1	exp Endocarditis, Bacterial/	20 849
2	(endocarditis adj3 bacterial).ab,ti,kf.	6 098
3	(endocard* adj3 (inflamm* or infect*)).ab,ti,kf.	14 003
4	(ABE or SABE).ab,ti,kf.	1 516
5	(staphylococc* adj5 endocard*).ab,ti,kf.	1 877
6	(streptococc* adj5 endocard*).ab,ti,kf.	1 593
7	(enterococc* adj5 endocard*).ab,ti,kf.	637
8	(aureus adj5 endocard*).ab,ti,kf.	1 110
9	(bovis adj5 endocard*).ab,ti,kf.	200
10	(septic adj5 endocard*).ab,ti,kf.	685
11	(pseudomonas adj5 endocard*).ab,ti,kf.	186
12	2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11	23 253
13	1 or 12	30 780
14	antibiotic prophylaxis/	13 615
15	premedication/	12 445
16	exp infection/pc	88 234
17	chemoprevention/	5 876
18	14 or 15 or 16 or 17	111 847
19	prophyla*.ab,ti,kf.	161 844
20	premedicat*.ab,ti,kf.	9 406



21	chemoprevent*.ab,ti,kf.	20 931
22	(infect* adj5 prevent*).ab,ti,kf.	59 837
23	(infect* adj5 reduc*).ti,kf.	3 652
24	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj5 (preimplant* or prereimplant*).ab,ti,kf.	6
25	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 (prevent* or premedication)).ab,ti,kf.	4 825
26	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 prior).ti,kf.	158
27	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 peri?operat*).ab,ti,kf.	1 660
28	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 pre?operat*).ab,ti,kf.	1 281
29	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 post?operat*).ab,ti,kf.	1 801
30	19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29	250 597
31	18 or 30	327 125
32	13 and 31	3 184
33	exp Dentistry, Operative/	36 326
34	exp Dental Prophylaxis/	7 626
35	exp Endodontics/	27 971
36	exp Oral Surgical Procedures/	67 752
37	exp Mouth/su	28 475
38	exp mouth/th	196
39	exp mouth/tr	5 078
40	mouth mucosa/tr	1 626
41	mouth mucosa/su	1 470
42	exp jaw/su	27 666
43	exp jaw/tr	421
44	exp Dental Care/	32 752
45	Comprehensive Dental Care/	648
46	exp Mouth Diseases/th	28 531



47	exp Mouth Diseases/su	48 378
48	Dental Implants/	21 164
49	exp Periodontics/	25 349
50	exp Oral Hygiene/	19 226
51	exp Tooth Preparation/	21 950
52	33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51	271 724
53	(crown adj4 length\$).ab,ti,kf.	3 577
54	((dent\$ or tooth\$ or teeth\$ or peri?dont\$) adj4 (prophyla\$ or debridement)).ab,ti,kf.	2 221
55	endodontic\$.ab,ti,kf.	19 222
56	Apicoectom\$.ab,ti,kf.	562
57	(pulp\$ adj4 cap\$).ab,ti,kf.	1 797
58	(pulpectom\$ or pulpotom\$).ab,ti,kf.	1 700
59	(gingivectom\$ or gingivoplast\$).ab,ti,kf.	659
60	mucoperio\$ flap\$.ab,ti,kf.	658
61	(tartar adj4 remov\$).ab,ti,kf.	25
62	(calcul* adj4 remov\$).ab,ti,kf.	2 273
63	(root adj4 canal adj4 (therap\$ or treat\$)).ab,ti,kf.	5 491
64	((dent\$ or oral\$ or tooth\$ or teeth or peri?dont\$ or root\$) adj4 (restorat\$ or implant\$ or replant\$ or reimplant\$ or re-implant\$ or extract\$ or remov\$ or scal\$ or polish\$ or fill\$ or irrigat\$ or separat\$ or expos\$ or band\$ or prob\$ or investigat\$ or rubber dam\$ or wedg\$ or planing\$)).ab,ti,kf.	140 150
65	((dent\$ or oral\$ or tooth\$ or teeth\$ or peri?dont\$ or root\$ canal\$) adj4 (surg\$ or procedure\$ or operat\$ or incis\$ or excis\$ or intervention\$ or invasiv\$ or biops\$ or inject\$)).ab,ti,kf.	59 672
66	periodont*.ab,ti,kf.	75 457
67	flossing.ab,ti,kf.	693
68	toothbrush*.ab,ti,kf.	5 234
69	brushing.ab,ti,kf.	7 603
70	dental.ab,ti,kf.	224 537
71	53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70	409 608



72	52 or 71	554 671
73	32 and 72	1 225
74	limit 73 to yr="2016-Current"	102

**Comments****2.10.2.2 Embase**

Date	12 February 2020	Results
Database	Embase.com	
Search strategy		
#1	'bacterial endocarditis'/exp	29 256
#2	(endocarditis NEAR/3 bacterial):ab,ti,kw	6 377
#3	(endocard* NEAR/3 (inflamm* OR infect*)):ab,ti,kw	19 485
#4	abe:ab,ti,kw OR sabe:ab,ti,kw	2 268
#5	(staphylococc* NEAR/5 endocard*):ab,ti,kw	2 490
#6	(streptococc* NEAR/5 endocard*):ab,ti,kw	2 029
#7	(enterococc* NEAR/5 endocard*):ab,ti,kw	801
#8	(aureus NEAR/5 endocard*):ab,ti,kw	1 581
#9	(bovis NEAR/5 endocard*):ab,ti,kw	271
#10	(septic NEAR/5 endocard*):ab,ti,kw	1 024
#11	(pseudomonas NEAR/5 endocard*):ab,ti,kw	217
#12	#2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	30 133
#13	#1 OR #12	40 116
#14	'antibiotic prophylaxis'/de	30 688
#15	'premedication'/de	19 830
#16	'infection'/exp/dm_pc	334 894
#17	'chemoprophylaxis'/de	24 625



#18	#14 OR #15 OR #16 OR #17	390986
#19	prophyla*:ab,ti,kw	241699
#20	premedicat*:ab,ti,kw	13 456
#21	chemoprevent*:ab,ti,kw	27 408
#22	(infect* NEAR/5 prevent*):ab,ti,kw	75 979
#23	(infect* NEAR/5 reduc*):ti,kw	5 111
#24	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/5 (preimplant* OR prereimplant*)):ab,ti,kw	6
#25	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 (prevent* OR premedication)):ab,ti,kw	6 426
#26	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 prior):ti,kw	238
#27	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 peri\$operat*):ab,ti,kw	2 376
#28	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 pre\$operat*):ab,ti,kw	1 744
#29	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 post\$operat*):ab,ti,kw	2 437
#30	#19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29	356 573
#31	#18 OR #30	660 792
#32	#13 AND #31	4 575
#33	'operative dentistry'/exp	124
#34	'dental prophylaxis'/exp	1 315
#35	'endodontics'/exp	28 152
#36	'oral surgery'/exp	51 600
#37	'mouth'/exp/dm_su	6 455
#38	'mouth'/exp/dm_th	2
#39	mouth AND 'mucosa'/exp/dm_su	702
#40	'jaw'/dm_su	1 906
#41	'dental procedure'/exp	223 262
#42	'mouth disease'/exp/dm_th	40 699



#43	'mouth disease'/exp/dm_su	59 231
#44	'tooth implant'/exp	12 034
#45	'periodontics'/de	13 227
#46	'mouth hygiene'/de	24 973
#47	'dental surgery'/exp	64 067
#48	#33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47	368 607
#49	(crown NEAR/4 length*):ab,ti,kw	4 232
#50	((dent* OR tooth* OR teeth* OR peri\$dont*) NEAR/4 (prophyla* OR debridement)):ab,ti,kw	2 493
#51	endodontic*:ab,ti,kw	18 985
#52	apicoectom*:ab,ti,kw	576
#53	(pulp* NEAR/4 cap*):ab,ti,kw	1 799
#54	pulpectom*:ab,ti,kw OR pulpotom*:ab,ti,kw	1 602
#55	gingivectom*:ab,ti,kw OR gingivoplast*:ab,ti,kw	609
#56	(mucoperio* NEAR/3 flap*):ab,ti,kw	745
#57	(tartar NEAR/4 remov*):ab,ti,kw	30
#58	(calcul* NEAR/4 remov*):ab,ti,kw	2 877
#59	(root NEAR/4 canal NEAR/4 (therap* OR treat*)):ab,ti,kw	4 795
#60	((dent* OR oral* OR tooth* OR teeth OR peri\$dont* OR root*) NEAR/4 (restorat* OR implant* OR replant* OR reimplant* OR 're implant*' OR extract* OR remov* OR scal* OR polish* OR fill* OR irrigat* OR separat* OR expos* OR band* OR prob* OR investigat* OR 'rubber dam*' OR wedg* OR planing*)):ab,ti,kw	156 148
#61	((dent* OR oral* OR tooth* OR teeth OR peri\$dont* OR root*) NEAR/4 'rubber dam*'):ab,ti,kw	192
#62	(dent*:ab,ti,kw OR oral*:ab,ti,kw OR tooth*:ab,ti,kw OR teeth*:ab,ti,kw OR peri\$dont*:ab,ti,kw OR root*:ab,ti,kw) AND canal*:ab,ti,kw AND (surg*:ab,ti,kw OR procedure*:ab,ti,kw OR operat*:ab,ti,kw OR incis*:ab,ti,kw OR excis*:ab,ti,kw OR intervention*:ab,ti,kw OR invasiv*:ab,ti,kw OR biops*:ab,ti,kw OR inject*:ab,ti,kw)	8 962
#63	periodont*:ab,ti,kw	77 091
#64	flossing:ab,ti,kw	765
#65	toothbrush*:ab,ti,kw	5 304
#66	brushing:ab,ti,kw	9 214



#67	dental:ab,ti,kw	235 463
#68	#49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62 OR #63 OR #64 OR #65 OR #66 OR #67	410 869
#69	#48 OR #68	616 047
#70	#32 AND #69	1 474
#71	#70 AND [2016-2020]/py	179
#72	#71 NOT [medline]/lim	81
#73	#72 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	39

**Comments**

## 2.11 Antibiotic prophylaxis in patients with orthopaedic joint implants

### 2.11.1 Systematic reviews, RCTs and other (primary) studies

#### 2.11.1.1 Ovid MEDLINE

Date	4 September 2019	Results
Database	Ovid MEDLINE(R) and Epub Ahead of Print, In Process & Other Non Indexed Citations, Daily and Versions(R) <1946 to September 04, 2019>	
Search strategy		
ID	Search	Results
1	exp Joint Prosthesis/	42 402
2	exp Arthroplasty, Replacement/	51 282
3	1 or 2	75 694
4	(arthroplast* or replace* or implant* or prosthes* or prosthet* or periprosthet* or artificial).ab,ti,kf.	973 650
5	joint?.ab,ti,kf.	288 940
6	orthop?edic?.ab,ti,kf.	80 236
7	5 or 6	358 200
8	4 and 7	54 969
9	acetabulum/	10 767



10	hip/	11 593
11	exp hip joint/	26 404
12	9 or 10 or 11	43 982
13	hip?.ab,ti,kf.	138 133
14	femoral head?.ab,ti,kf.	15 450
15	acetabulum.ab,ti,kf.	6 327
16	13 or 14 or 15	145 391
17	12 or 16	153 885
18	4 and 17	50 706
19	(tha or thr).ab,ti,kf.	33 828
20	(orthop?ed* or joint? or arthroplast* or hip or surg* or chirurg*).jw.	1 383 230
21	19 and 20	6 870
22	18 or 21	51 223
23	knee/	13 704
24	exp knee joint/	57 671
25	23 or 24	68 008
26	knee?.ab,ti,kf.	140 535
27	superior tibiofibular joint?.ab,ti,kf.	69
28	26 or 27	140 581
29	25 or 28	155 887
30	4 and 29	42 492
31	ankle/	9 168
32	ankle joint/	15 145
33	31 or 32	22 767
34	ankle?.ab,ti,kf.	56 849
35	articulatio talocruralis.ab,ti,kf.	3
36	distal tibiofibular joint?.ab,ti,kf.	96



37	talocrural joint?.ab,ti,kf.	397
38	34 or 35 or 36 or 37	57 047
39	33 or 38	61 917
40	4 and 39	5 304
41	shoulder/	12 396
42	shoulder joint/	18 408
43	41 or 42	29 357
44	shoulder?.ab,ti,kf.	68 648
45	glenohumeral joint?.ab,ti,kf.	2 800
46	glenoid labrum.ab,ti,kf.	489
47	humeral head.ab,ti,kf.	3 643
48	44 or 45 or 46 or 47	70 100
49	43 or 48	75 988
50	4 and 49	8 371
51	elbow/	6 839
52	elbow joint/	12 052
53	51 or 52	17 503
54	elbow?.ab,ti,kf.	31 732
55	53 or 54	36 445
56	4 and 55	3 940
57	wrist/	8 639
58	wrist joint/	9 625
59	57 or 58	17 090
60	wrist?.ab,ti,kf.	36 702
61	59 or 60	41 892
62	4 and 61	2 684
63	3 or 8	107 638



64	22 or 30 or 40 or 50 or 56 or 62	98 628
65	63 or 64	132 749
66	antibiotic prophylaxis/	13 225
67	premedication/	12 398
68	exp infection/pc	86 762
69	chemoprevention/	5 720
70	66 or 67 or 68 or 69	109 982
71	prophyla*.ab,ti,kf.	158 100
72	premedicat*.ab,ti,kf.	9 307
73	chemoprevent*.ab,ti,kf.	20 585
74	(infect* adj5 prevent*).ab,ti,kf.	57 931
75	(infect* adj5 reduc*).ti,kf.	3 527
76	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj5 (preimplant* or prereimplant*).ab,ti,kf.	6
77	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 (prevent* or premedication)).ab,ti,kf.	4 637
78	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) adj3 prior).ti,kf.	147
79	71 or 72 or 73 or 74 or 75 or 76 or 77 or 78	242 621
80	70 or 79	318 519
81	65 and 80	5 595
82	Prosthesis-Related Infections/pc	1 841
83	(anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*).ab,ti,kf.	475 494
84	82 and 83	1 017
85	81 or 84	6 133
86	exp Dentistry, Operative/	35 636
87	exp Dental Prophylaxis/	7 488
88	exp Endodontics/	27 410



89	exp Oral Surgical Procedures/	66 053
90	exp Mouth/su	28 176
91	exp mouth/th	196
92	exp mouth/tr	5 015
93	mouth mucosa/tr	1 595
94	mouth mucosa/su	1 452
95	exp jaw/su	27 398
96	exp jaw/tr	412
97	exp Dental Care/	32 162
98	Comprehensive Dental Care/	647
99	exp Mouth Diseases/th	28 153
100	exp Mouth Diseases/su	47 708
101	Dental Implants/	19 969
102	exp Periodontics/	24 872
103	exp Oral Hygiene/	18 805
104	exp Tooth Preparation/	21 586
105	86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104	265 968
106	(crown adj4 length\$).ab,ti,kf.	3 500
107	((dent\$ or tooth\$ or teeth\$ or peri?dont\$) adj4 (prophyla\$ or debridement)).ab,ti,kf.	2 167
108	endodontic\$.ab,ti,kf.	18 758
109	Apicoectom\$.ab,ti,kf.	542
110	(pulp\$ adj4 cap\$).ab,ti,kf.	1 752
111	(pulpectom\$ or pulpotom\$).ab,ti,kf.	1 640
112	(gingivectom\$ or gingivoplast\$).ab,ti,kf.	646
113	mucoperio\$ flap\$.ab,ti,kf.	648
114	(tartar adj4 remov\$).ab,ti,kf.	25
115	(calcul* adj4 remov\$).ab,ti,kf.	2 239



116	(root adj4 canal adj4 (therap\$ or treat\$)).ab,ti,kf.	5 324
117	((dent\$ or oral\$ or tooth\$ or teeth or peri?dont\$ or root\$) adj4 (restorat\$ or implant\$ or replant\$ or reimplant\$ or re-implant\$ or extract\$ or remov\$ or scal\$ or polish\$ or fill\$ or irrigat\$ or separat\$ or expos\$ or band\$ or prob\$ or investigat\$ or rubber dam\$ or wedg\$ or planing\$).ab,ti,kf.	136 346
118	((dent\$ or oral\$ or tooth\$ or teeth\$ or peri?dont\$ or root\$ canal\$) adj4 (surg\$ or procedure\$ or operat\$ or incis\$ or excis\$ or intervention\$ or invasiv\$ or biops\$ or inject\$).ab,ti,kf.	58 063
119	periodont*.ab,ti,kf.	73 550
120	flossing.ab,ti,kf.	677
121	toothbrush*.ab,ti,kf.	5 135
122	brushing.ab,ti,kf.	7 396
123	dental.ab,ti,kf.	219 703
124	106 or 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123	400 552
125	105 or 124	543 372
126	85 and 125	426
127	limit 126 to yr="2000-2019"	294
128	('systematic review'.ti. or 'meta-analysis'.pt. or 'meta-analysis'.ti. or 'systematic literature review'.ti. or 'this systematic review'.tw. or 'pooling project'.tw. or ('systematic review'.ab,ti. and review.pt.) or 'meta synthesis'.ti. or 'meta synthesis'.ti. or 'integrative review'.tw. or 'integrative research review'.tw. or 'rapid review'.tw. or 'consensus development conference'.pt. or 'practice guideline'.pt. or 'drug class reviews'.ti. or 'cochrane database syst rev'.ja. or 'acp journal club'.ja. or 'health technol assess'.ja. or 'evid rep technol assess summ'.ja. or 'jbi database system rev implement rep'.ja. or ('clinical guideline' and management).tw. or ('evidence based'.ti. or evidence-based medicine/ or 'best practice'.ti. or 'best practices'.ti. or 'evidence synthesis'.ab,ti.) and ((review.pt. or diseases category/ or behavior.mp.) and behavior mechanisms/) or therapeutics/ or 'evaluation studies'.pt. or 'validation studies'.pt. or guideline.pt. or pmcbook.mp.)) or ((systematic or systematically or critical or 'study selection' or ((predetermined or inclusion) and criteri*)) or 'exclusion criteri*' or 'main outcome measures' or 'standard of care' or 'standards of care').tw. and ((survey or surveys or overview* or review or reviews or search* or handsearch).tw. or analysis.ti. or critique.ab,ti. or appraisal.tw. or (reduction.tw. and (risk/ or risk.tw.) and (death or recurrence).mp.)) and ((literature or articles or publications or publication or bibliography or bibliographies or published or pooled data or unpublished or citation or citations or database or internet or textbooks or references or scales or papers or datasets or trials or meta-analy* or (clinical and studies)).tw. or treatment outcome/ or 'treatment outcome'.tw. or pmcbook.mp.)) not (letter or 'newspaper article').pt.	364 305
129	127 and 128	25
130	randomized controlled trial.pt.	488 653



131	controlled clinical trial.pt.	93 265
132	randomized.ti,ab.	489 334
133	placebo.ti,ab.	205 936
134	clinical trials as topic/	188 212
135	randomly.ti,ab.	318 252
136	trial?.ti.	272 380
137	130 or 131 or 132 or 133 or 134 or 135 or 136	1267 897
138	exp animal/ not humans/	4 615 101
139	137 not 138	1 167 037
140	127 and 139	24
141	140 not 129	20
142	127 not (129 or 141)	249
<b>Comments</b>		

2.11.1.2 *Cochrane*

Date	9 September 2019	Results
Database	Cochrane@Wiley.com	
Search strategy		
#1	[mh "Joint Prosthesis"]	1 831
#2	[mh "Arthroplasty, Replacement"]	4 088
#3	#1 or #2	5 012
#4	(arthroplast* or replace* or implant* or prosthes* or prosthet* or periprosthet* or artificial):ab,ti,kw	87 489
#5	joint?:ab,ti,kw	31 925
#6	orthop?edic?:ab,ti,kw	9 881
#7	#5 or #6	40 065
#8	#4 and #7	6 848
#9	[mh ^"acetabulum"]	165
#10	[mh ^"hip"]	398
#11	[mh "hip joint"]	983
#12	#9 or #10 or #11	1 480
#13	hip?:ab,ti,kw	21 122
#14	femoral head?:ab,ti,kw	1 021
#15	acetabulum:ab,ti,kw	453
#16	#13 or #14 or #15	21 474
#17	#12 or #16	21 474
#18	#4 and #17	7 571
#19	(tha or thr):ab,ti,kw	2 007
#20	(orthop?ed* or joint? or arthroplast* or hip or surg* or chirurg*).jw.	14 402
#21	#19 and #20	18
#22	#18 or #21	7 574



#23	[mh ^"knee"]	754
#24	[mh "knee joint"]	3 158
#25	#23 or #24	3 826
#26	knee?:ab,ti,kw	26 223
#27	superior tibiofibular joint?:ab,ti,kw	5
#28	#26 or #27	26 227
#29	#25 or #28	26 254
#30	#4 and #29	8 521
#31	[mh ^"ankle"]	475
#32	[mh ^"ankle joint"]	673
#33	#31 or #32	1 109
#34	ankle?:ab,ti,kw	8 790
#35	articulatio talocruralis:ab,ti,kw	0
#36	distal tibiofibular joint?:ab,ti,kw	18
#37	talocrural joint?:ab,ti,kw	64
#38	#34 or #35 or #36 or #37	8 794
#39	#33 or #38	8 794
#40	#4 and #39	638
#41	[mh ^"shoulder"]	509
#42	[mh ^"shoulder joint"]	724
#43	#41 or #42	1 196
#44	shoulder?:ab,ti,kw	10 165
#45	glenohumeral joint?:ab,ti,kw	327
#46	glenoid labrum:ab,ti,kw	25
#47	humeral head:ab,ti,kw	198
#48	#44 or #45 or #46 or #47	10 216
#49	#43 or #48	10 216



#50	#4 and #49	859
#51	[mh ^"elbow"]	194
#52	[mh ^"elbow joint"]	252
#53	#51 or #52	431
#54	elbow?:ab,ti,kw	3 768
#55	#53 or #54	3 768
#56	#4 and #55	235
#57	[mh ^"wrist"]	323
#58	[mh ^"wrist joint"]	238
#59	#57 or #58	554
#60	wrist?:ab,ti,kw	5 195
#61	#59 or #60	5 195
#62	#4 and #61	295
#63	#3 or #8#	9 688
#64	#22 or #30 or #40 or #50 or #56 or #62	15 706
#65	#63 or #64	17 114
#66	[mh ^"antibiotic prophylaxis"]	1 228
#67	[mh ^"premedication"]	2 985
#68	[mh "infection"/PC]	6 474
#69	[mh ^"chemoprevention"]	336
#70	#66 or #67 or #68 or #69	9 592
#71	prophyla*:ab,ti,kw	34 460
#72	premedicat*:ab,ti,kw	8 248
#73	chemoprevent*:ab,ti,kw	1 815
#74	(infect* NEAR/5 prevent*):ab,ti,kw	17 351
#75	(infect* NEAR/5 reduc*).ti,kf.	62



#76	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/5 (preimplant* or prereimplant*):ab,ti,kw	0
#77	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/3 (prevent* or premedication):ab,ti,kw	817
#78	((anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*) NEAR/3 prior).ti,kf.	62
#79	#71 OR #72 OR #73 OR #74 OR #75 OR #76 OR #77 OR #78	55 112
#80	#70 or #79	55 957
#81	#65 and #80	1 215
#82	[mh ^"Prosthesis-Related Infections"/PC]	76
#83	(anti?biotic? or anti?microbial or anti?bacterial or anti?mycobacterial or anti?infective or bacteriocid*):ab,ti,kw	35 853
#84	#82 and #83	47
#85	#81 or #84	1 246
#86	[mh "Dentistry, Operative"]	2 327
#87	[mh "Dental Prophylaxis"]	1 425
#88	[mh "Endodontics"]	1 355
#89	[mh "Oral Surgical Procedures"]	4 219
#90	[mh "Mouth"/SU]	1 903
#91	[mh "mouth"/TH]	1
#92	[mh "mouth"/TR]	182
#93	[mh ^"mouth mucosa"/TR]	43
#94	[mh ^"mouth mucosa"/SU]	52
#95	[mh "jaw"/SU]	1 241
#96	[mh "jaw"/TR]	7
#97	[mh "Dental Care"]	602
#98	[mh ^"Comprehensive Dental Care"]	10
#99	[mh "Mouth Diseases"/TH]	1 640
#100	[mh "Mouth Diseases"/SU]	1 892



#101	[mh ^"Dental Implants"]	980
#102	[mh "Periodontics"]	2 649
#103	[mh "Oral Hygiene"]	2 101
#104	[mh "Tooth Preparation"]	2 164
#105	#86 OR #87 OR #88 OR #89 OR #90 OR #91 OR #92 OR #93 OR #94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104	14 118
#106	(crown NEAR/4 length\$):ab,ti,kw	90
#107	((dent\$ or tooth\$ or teeth\$ or peri?dont\$) NEAR/4 (prophyla\$ or debridement)):ab,ti,kw	23
#108	endodontic\$:ab,ti,kw	0
#109	Apicoectomy\$:ab,ti,kw	0
#110	(pulp\$ NEAR/4 cap\$):ab,ti,kw	11
#111	(pulpectom\$ or pulpotomy\$):ab,ti,kw	2
#112	(gingivectomy\$ or gingivoplast\$):ab,ti,kw	0
#113	mucoperiosteal flap\$):ab,ti,kw	0
#114	(tartar NEAR/4 removal\$):ab,ti,kw	0
#115	(calcul* NEAR/4 removal\$):ab,ti,kw	0
#116	(root NEAR/4 canal NEAR/4 (therap\$ or treat\$)):ab,ti,kw	0
#117	((dent\$ or oral\$ or tooth\$ or teeth or peri?dont\$ or root\$) NEAR/4 (restorative\$ or implant\$ or replant\$ or reimplant\$ or re-implant\$ or extract\$ or removal\$ or scal\$ or polish\$ or fill\$ or irrigat\$ or separate\$ or expos\$ or band\$ or prob\$ or investigat\$ or rubber dam\$ or wedg\$ or planing\$)):ab,ti,kw	3 252
#118	((dent\$ or oral\$ or tooth\$ or teeth\$ or peri?dont\$ or root\$ canal\$) NEAR/4 (surg\$ or procedure\$ or operat\$ or incis\$ or excis\$ or intervention\$ or invasiv\$ or biops\$ or inject\$)):ab,ti,kw	4 635
#119	periodont*:ab,ti,kw	9 453
#120	flossing:ab,ti,kw	250
#121	toothbrush*:ab,ti,kw	2 669
#122	brushing:ab,ti,kw	2 277
#123	dental:ab,ti,kw	23 816



#124	#106 OR #107 OR #108 OR #109 OR #110 OR #111 OR #112 OR #113 OR #114 OR #115 OR #116 OR #117 OR #118 OR #119 OR #120 OR #121 OR #122 OR #123	34 750
#125	#105 or #124	37 417
#126	#85 and #125	17
#127	#126 with Cochrane Library publication date Between Jan 2000 and Dec 2019	17
<b>Comments</b>		

### 2.11.1.3 Embase

Date	9 September 2019	
Database	Embase.com	
Search strategy		
ID	Search	Results
#1	'joint prosthesis'/exp OR 'joint prosthesis'	67 514
#2	'replacement arthroplasty'/exp	36 277
#3	#1 OR #2	93 604
#4	arthroplast*:ab,ti,kw OR replace*:ab,ti,kw OR implant*:ab,ti,kw OR prosthes*:ab,ti,kw OR prosthet*:ab,ti,kw OR periprosthet*:ab,ti,kw OR artificial:ab,ti,kw	1 255 271
#5	joint\$:ab,ti,kw	385 536
#6	orthop\$edic\$:ab,ti,kw	111 347
#7	#5 OR #6	479 166
#8	#4 AND #7	76 472
#9	'acetabulum'/de	11 729
#10	'hip'/exp	104 753
#11	#9 OR #10	104 753
#12	hip\$:ab,ti,kw	184 341
#13	'femoral head':ab,ti,kw	19 974
#14	acetabulum:ab,ti,kw	7 817



#15	#12 OR #13 OR #14	193 982
#16	#11 OR #15	241 657
#17	#4 AND #16	67 878
#18	tha:ab,ti,kw OR thr:ab,ti,kw	42 729
#19	orthop\$ed*:jt OR joint\$:jt OR arthroplast*:jt OR hip:jt OR surg*:jt OR chirurg*:jt	2 348 682
#20	#18 AND #19	8 282
#21	#17 OR #20	68 557
#22	'knee'/exp	66 451
#23	knee\$:ab,ti,kw	185 205
#24	'superior tibiofibular joint\$:ab,ti,kw	81
#25	#23 OR #24	185 254
#26	#22 OR #25	195 220
#27	#4 AND #26	54 009
#28	'ankle'/exp	33 396
#29	ankle\$:ab,ti,kw	77 807
#30	'articulatio talocruralis':ab,ti,kw	3
#31	'distal tibiofibular joint\$:ab,ti,kw	104
#32	'talocrural joint\$:ab,ti,kw	502
#33	#29 OR #30 OR #31 OR #32	78 076
#34	#28 OR #33	83 086
#35	#4 AND #34	7 311
#36	'shoulder'/exp	68 644
#37	shoulder\$:ab,ti,kw	86 979
#38	'glenohumeral joint\$:ab,ti,kw	3 232
#39	'glenoid labrum':ab,ti,kw	552
#40	'humeral head':ab,ti,kw	4 369
#41	#37 OR #38 OR #39 OR #40	88 609



#42	#36 OR #41	119 089
#43	#4 AND #42	12 322
#44	'elbow'/de	20 501
#45	elbow\$:ab,ti,kw	41 578
#46	#45 OR #44	45 741
#47	#4 AND #46	5 210
#48	'wrist'/de	28 375
#49	wrist\$:ab,ti,kw	49 355
#50	#49 OR #48	54 760
#51	#4 AND #50	3 391
#52	#3 OR #8	137 264
#53	#21 OR #27 OR #35 OR #43 OR #47 OR #51	128 615
#54	#53 OR #52	174 835
#55	'antibiotic prophylaxis'/de	29 829
#56	'premedication'/de	19 626
#57	'chemoprophylaxis'/de	24 250
#58	#55 OR #56 OR #57	73 349
#59	'infection'/exp	3 512 684
#60	'prevention and control'/exp	2 045 097
#61	#60 AND #59	448 308
#62	#58 OR #61	490 937
#63	prophyla*:ab,ti,kw	235 217
#64	premedicat*:ab,ti,kw	13 221
#65	chemoprevent*:ab,ti,kw	27 007
#66	(infect* NEAR/5 prevent*):ab,ti,kw	73 259
#67	(infect* NEAR/5 reduc*):ti,kw	4 910



#68	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/5 (preimplant* OR prereimplant*)):ab,ti,kw	6
#69	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 (prevent* OR premedication)):ab,ti,kw	6 141
#70	((anti\$biotic\$ OR anti\$microbial OR anti\$bacterial OR anti\$mycobacterial OR anti\$infective OR bacteriocid*) NEAR/3 prior):ti,kw	218
#71	#63 OR #64 OR #65 OR #66 OR #67 OR #68 OR #69 OR #70	344 208
#72	#62 OR #71	729 979
#73	#54 AND #72	8 623
#74	'operative dentistry'/exp	114
#75	'dental procedure'/exp	219 318
#76	'dental surgery'/exp	63 414
#77	'dental prophylaxis'/exp	1 146
#78	'endodontics'/exp	28 089
#79	'oral surgery'/exp	50 465
#80	'tooth implant'/exp	11 227
#81	'periodontics'/exp	13 176
#82	'mouth hygiene'/exp	24 437
#83	#74 OR #75 OR #76 OR #77 OR #78 OR #79 OR #80 OR #81 OR #82	304 028
#84	'mouth'/exp	229 868
#85	'jaw'/exp	22 066
#86	'mouth disease'/exp	581 128
#87	#84 OR #85 OR #86	753 386
#88	'surgery'/de	544 933
#89	'therapy'/de	1 278 889
#90	'transplantation'/exp	1 035 539
#91	#88 OR #89 OR #90	2 686 955
#92	#87 AND #91	66 650



#93	#83 OR #92	358 769
#94	(crown NEAR/4 length*):ab,ti,kw	4 120
#95	((dent* OR tooth* OR teeth* OR peri\$dont*) NEAR/4 (prophyla* OR debridement)):ab,ti,kw	2 425
#96	endodontic*:ab,ti,kw	18 527
#97	apicoectomy*:ab,ti,kw	562
#98	(pulp* NEAR/4 cap*):ab,ti,kw	1 757
#99	pulpectomy*:ab,ti,kw OR pulpotomy*:ab,ti,kw	1 552
#100	gingivectomy*:ab,ti,kw OR gingivoplasty*:ab,ti,kw	595
#101	mucoperio* AND flap*:ab,ti,kw	829
#102	(tartar NEAR/4 remov*):ab,ti,kw	30
#103	(calcul* NEAR/4 remov*):ab,ti,kw	2 793
#104	(root NEAR/4 canal NEAR/4 (therap* OR treat*)):ab,ti,kw	4 622
#105	((dent* OR oral* OR tooth* OR teeth* OR peri\$dont* OR root*) NEAR/4 (restorat* OR implant* OR replant* OR reimplant* OR 're implant*' OR extract* OR remov* OR scal* OR polish* OR fill* OR irrigat* OR separat* OR expos* OR band* OR prob* OR investigat* OR 'rubber dam' OR 'rubber dams' OR wedg* OR planing*)):ab,ti,kw	151 998
#106	((dent* OR oral* OR tooth* OR teeth* OR peri\$dont* OR 'root* canal*') NEAR/4 (surg* OR procedure* OR operat* OR incis* OR excis* OR intervention* OR invasiv* OR biops* OR inject*)):ab,ti,kw	75 410
#107	periodont*:ab,ti,kw	75 086
#108	flossing:ab,ti,kw	742
#109	toothbrush*:ab,ti,kw	5 197
#110	brushing:ab,ti,kw	8 902
#111	dental:ab,ti,kw	230 316
#112	#94 OR #95 OR #96 OR #97 OR #98 OR #99 OR #100 OR #101 OR #102 OR #103 OR #104 OR #105 OR #106 OR #107 OR #108 OR #109 OR #110 OR #111	437 791
#113	#93 OR #112	631 599
#114	#73 AND #113	538
#115	#114 AND [2000-2019]/py	419
#116	#115 NOT [medline]/lim	140



#117	#116 AND [animals]/lim	15
#118	#116 AND [humans]/lim	119
#119	#116 NOT (#117 NOT #118)	133
#120	#119 NOT ('conference abstract'/it OR 'conference paper'/it OR 'conference review'/it)	45
#121	#120 AND ('meta-analysis'/exp OR 'meta-analysis' OR 'systematic review'/exp OR 'systematic review')	5
#122	#120 AND (random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti))	5
#123	#122 NOT #121	2
#124	#120 NOT (#121 OR #123)	38
<b>Comments</b>		