

Søgeprotokol for Nationale Kliniske Retningslinjer

Projekt titel/aspekt	NKR for behandling af mellemørebetændelse hos børn – Primær litteratur
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Senest opdateret	03.02.2015

Baggrund	<p>PIRO 1 (Fokuseret spørgsmål 1) Hvor sensitiv og specifik er klinisk undersøgelse med henholdsvis otoskopi, pneumatisk otoskopi og tympanometri, når diagnosen AOM skal stilles?</p> <p>PICO 1 (Fokuseret spørgsmål 2) Bør børn med symptomer på AOM, men uden væske i mellemøret (OS) tilbydes antibiotikabehandling?</p> <p>PICO 2 (Fokuseret spørgsmål 3) Bør børn med rAOM uden væske i mellemøret i perioderne mellem infektionsepisoder tilbydes drænbehandling?</p> <p>PICO 3 (Fokuseret spørgsmål 4) Bør børn med rAOM med væske i mellemøret mellem infektionsepisoder tilbydes drænbehandling?</p> <p>PICO 4 (Fokuseret spørgsmål 5) Bør børn med persisterende OME plus hørenedsættelse og/eller sprogproblemer tilbydes drænbehandling?</p> <p>PICO 5 (Fokuseret spørgsmål 6) Bør børn med persisterende OME og normal hørelse, men med andre problemer/symptomer tilbydes drænbehandling?</p> <p>PICO 6 (Fokuseret spørgsmål 7) Bør børn med persisterende OME uden symptomer tilbydes drænbehandling?</p> <p>PICO 7 (Fokuseret spørgsmål 8) Bør børn med indikation for drænbehandling tilbydes adenotomi (fjernelse af polypper) samtidig med drænbehandlingen?</p> <p>PICO 8 (Fokuseret spørgsmål 9) Bør børn med dræn i trommehinden og øreflåd behandles med øredråber med antibiotika?</p>
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	PICO 9 (Fokuseret spørgsmål 10) Bør børn med dræn i trommehinden og øreflåd behandles med systemisk antibiotika sammenlignet med lokal behandling med antibiotika?
Søgetermer	Se søgestrategierne under de enkelte PICOs/PIROs
Inklusions- og eksklusionskriterier	Sprog: Engelsk, dansk, norsk og svensk År: se under de pågældende PICOs/PIROs Population: Ingen afgrænsning Publikationstyper: Randomiserede kontrollerede undersøgelser og observationelle studier

Søgestrategi PIRO 1

Informationskilder

Database	Udbyder	Resultat	Dato
Medline	OID	143	17.11.2014
EMBASE	OID	313	17.11.2014
Total efter dubletsøgning		355	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	22152
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1568934
3	exp Ear, Middle/ or middle ear.ti,ab.	27837
4	2 and 3	8096
5	(raom or aom or ome).ti,ab.	7413
6	(mastoiditis or tympanitis).ti,ab.	1351
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12640
8	((serous or secretory or purulent) and otitis).ti,ab.	2547
9	(otitis and media).ti,ab.	17346
10	or/1,4-9	39791
11	Acoustic Impedance Tests/	3180
12	Otoscopy/ or Oscopes/	797
13	(tympanometer* or tympanometr* or tympanogram*).ti,ab.	2516
14	(otoscop* or auriscop* or auroscop*).ti,ab.	1728
15	Acoustic Impedance Test*.ti,ab.	20
16	(diagnos* or symptom* or (clinical adj3 finding*)).ti,ab.	2349345
17	or/11-16	2353350

18	exp Otitis Media/di [Diagnosis]	3140
19	10 and 17	8576
20	18 or 19	10013
21	Randomized Controlled Trials as Topic/	99585
22	randomized controlled trial/	399992
23	Random Allocation/	84070
24	Double Blind Method/	132423
25	Single Blind Method/	20589
26	clinical trial/	501242
27	clinical trial, phase i.pt.	15315
28	clinical trial, phase ii.pt.	24543
29	clinical trial, phase iii.pt.	10046
30	clinical trial, phase iv.pt.	1033
31	controlled clinical trial.pt.	90666
32	randomized controlled trial.pt.	399992
33	multicenter study.pt.	188392
34	clinical trial.pt.	501242
35	exp Clinical Trials as topic/	294598
36	(clinical adj trial\$).tw.	235264
37	((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw.	137004
38	placebos/	34004
39	placebo\$.tw.	169148
40	randomly allocated.tw.	18250
41	(allocated adj2 random\$).tw.	20925
42	or/21-41	1249764
43	case report.tw.	215630
44	case reports/	1736496
45	(historical article or letter or comment or newspaper article).pt.	1474065
46	or/43-45	3071598
47	42 not 46	1197055
48	20 and 47	1042
49	limit 48 to (yr="2011 -Current" and (danish or english or norwegian or swedish))	143

Embase

Database: Embase<1974 to Week 46>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	30192
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1924141
3	exp middle ear/ or middle ear.ti,ab,kw.	32366
4	2 and 3	9756
5	(raum or aom or ome).ti,ab,kw.	8496
6	(mastoiditis or tympanitis).ti,ab,kw.	1568
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15290
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3073
9	(otitis and media).ti,ab,kw.	20847
10	or/1,4-9	49889
11	tympanometry/ or tympanometer/	2614
12	exp acoustic impedance/	2436

13	otoscopy/ or otoscope/	2433
14	(tympanometer* or tympanometr* or tympanogram*).ti,ab,kw.	2872
15	(otoscop* or auriscop* or auroscop*).ti,ab,kw.	2041
16	Acoustic Impedance Test*.ti,ab,kw.	68
17	(diagnos* or symptom* or (clinical adj3 find- ing*)).ti,ab,kw.	3062779
18	or/11-17	3068609
19	exp otitis media/di [Diagnosis]	3767
20	10 and 18	11687
21	19 or 20	13583
22	Clinical trial/	839630
23	Randomized controlled trial/ or "randomized controlled trial (topic)"/	414978
24	Randomization/	63874
25	Single blind procedure/	19039
26	double blind procedure/	118670
27	Crossover procedure/	40620
28	Placebo/	260845
29	randomi?ed controlled trial\$.tw.	105744
30	Rct.tw.	15244
31	Random allocation.tw.	1391
32	Randomly allocated.tw.	21330
33	(allocated adj2 random).tw.	799
34	Single blind\$.tw.	15120
35	Double blind\$.tw.	151234
36	((treble or triple) adj blind\$.tw.	430
37	Placebo\$.tw.	209778
38	Prospective study/	266252
39	Allocated randomly.tw.	1976
40	or/22-39	1446083
41	Case study/	28744
42	Case report.tw.	276701
43	Abstract report/ or letter/	924500
44	(conference or journal letter or letter).pt.	3243719
45	or/41-44	3587225
46	40 not 45	1236870
47	21 and 46	1575
48	limit 21 to (clinical trial or randomized controlled tri- al or controlled clinical trial)	1046
49	47 or 48	1651
50	limit 49 to ((danish or english or norwegian or swedish) and yr="2011 -Current")	313

Opfølgende søgning PICO 1

Informationskilder

Database	Udbyder	Resultat	Dato
Medline	OVID	126	26.11.2014
EMBASE	OVID	382	26.11.2014
Total efter dubletsøgning		423	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

Dato: 26.11.2014

1	exp otitis media/	22161
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1572409
3	exp Ear, Middle/ or middle ear.ti,ab.	27861
4	2 and 3	8101
5	(raum or aom or ome).ti,ab.	7424
6	(mastoiditis or tympanitis).ti,ab.	1351
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12655
8	((serous or secretory or purulent) and otitis).ti,ab.	2549
9	(otitis and media).ti,ab.	17361
10	or/1,4-9	39828
11	Antibiotic Prophylaxis/	9209
12	exp Anti-Bacterial Agents/	547317
13	exp Anti-Infective Agents/	1306767
14	exp Drug Therapy/	1126960
15	(antibiot* or antibact* or antisept* or antiinfect* or microbides or bacteriocid* or antimicrobial* or antimycobact*).ti,ab.	348305
16	(anti adj (biot* or bact* or infect* or microbial* or mycobact* or sept*)).ti,ab.	9089
17	or/11-16	2365988
18	exp Otitis Media/dt [Drug Therapy]	3961
19	10 and 17	10020
20	18 or 19	10522
21	Randomized Controlled Trials as Topic/	99741
22	randomized controlled trial/	400699
23	Random Allocation/	84147
24	Double Blind Method/	132583
25	Single Blind Method/	20647
26	clinical trial/	501510
27	clinical trial, phase i.pt.	15355
28	clinical trial, phase ii.pt.	24586
29	clinical trial, phase iii.pt.	10073
30	clinical trial, phase iv.pt.	1037
31	controlled clinical trial.pt.	90738
32	randomized controlled trial.pt.	400699
33	multicenter study.pt.	188830
34	clinical trial.pt.	501510
35	exp Clinical Trials as topic/	294927
36	(clinical adj trial\$).tw.	235939
37	((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw.	137200
38	placebos/	34020
39	placebo\$.tw.	169427
40	randomly allocated.tw.	18298
41	(allocated adj2 random\$).tw.	20973
42	or/21-41	1252053
43	case report.tw.	216307

44	case reports/	1738078
45	(historical article or letter or comment or newspaper article).pt.	1476053
46	or/43-45	3075410
47	42 not 46	1199292
48	20 and 47	1739
49	limit 48 to (yr="2012 -Current" and (danish or english or norwegian or swedish))	126

Embase 1974 to 2014 Week 47

1	exp otitis media/	30242
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1922559
3	exp middle ear/ or middle ear.ti,ab,kw.	32443
4	2 and 3	9781
5	(raom or aom or ome).ti,ab,kw.	8503
6	(mastoiditis or tympanitis).ti,ab,kw.	1568
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15287
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3079
9	(otitis and media).ti,ab,kw.	20895
10	or/1,4-9	49924
11	exp antibiotic prophylaxis/	21443
12	exp antiinfective agent/	2267776
13	exp drug therapy/	1856160
14	(antibiot* or antibact* or antisept* or antiinfect* or microbides or bacteriocid* or antimicrobial* or antimycobact*).mp.	732906
15	(anti adj (biot* or bact* or infect* or microbial* or mycobact* or sept*)).mp.	14234
16	or/11-15	3707301
17	exp otitis media/dt [Drug Therapy]	6808
18	10 and 16	18030
19	17 or 18	18778
20	Clinical trial/	838203
21	Randomized controlled trial/ or "randomized controlled trial (topic)"/	414146
22	Randomization/	63883
23	Single blind procedure/	19007
24	double blind procedure/	118431
25	Crossover procedure/	40568

Søgestrategi PICO 2-3

Informationskilder

Database	Udbyder	Resultat	Dato
Medline	OVID	113	29.10.2014
EMBASE	OVID	83	29.10.2014
Total efter dubletsøgning		130	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

Dato: 29.10.2014

Search	Search Terms	Result
1	exp otitis media/	22090
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1561392
3	exp Ear, Middle/ or middle ear.ti,ab.	27757
4	2 and 3	8077
5	(raom or aom or ome).ti,ab.	7387
6	(mastoiditis or tympanititis).ti,ab.	1349
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12579
8	((serous or secretory or purulent) and otitis).ti,ab.	2543
9	(otitis and media).ti,ab.	17308
10	or/1,4-9	39660
11	Middle Ear Ventilation/	2177
12	((tympanostomy or ventilat*) and tube*) or middle ear).ti,ab.	26176
13	grommet*.ti,ab.	501
14	(ventilat* or tubulat* or tympanostom*).ti,ab.	127479
15	11 or 12 or 13 or 14	144530
16	10 and 15	9683
17	Randomized Controlled Trials as Topic/	99016
18	randomized controlled trial/	397704
19	((randomised or randomized) adj3 (trial* or study or studies)).ti,ab.	275414
20	Random Allocation/	83722
21	Double-Blind Method/	131834
22	Single-Blind Method/	20403
23	(rct or random*).ti,ab.	762141
24	controlled clinical trial/	90513
25	controlled clinical trial*.ti,ab.	18640
26	(placebo or double blind).ti,ab.	207331
27	or/17-26	1083693
28	16 and 27	788
29	limit 28 to (yr="2010 -Current" and (danish or english or norwegian or swedish))	113

Embase

Database: Embase<1974 to Week 43>

Dato: 28.10.2014

Search	Search Terms	Result
1	exp otitis media/	30130
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1913300
3	exp middle ear/ or middle ear.ti,ab,kw.	32326
4	2 and 3	9739
5	(raum or aom or ome).ti,ab,kw.	8459
6	(mastoiditis or tympanitis).ti,ab,kw.	1564
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15233
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3069
9	(otitis and media).ti,ab,kw.	20805
10	or/1,4-9	49746
11	Middle Ear Ventilation/	683
12	exp tympanostomy tube/	2023
13	((tympanostomy or ventilat* or middle ear) and tube*).ti,ab,kw.	14907
14	grommet*.ti,ab,kw.	626
15	(ventilat* or tubulat* or tympanostom*).ti,ab,kw.	167319
16	or/11-15	170446
17	10 and 16	4166
18	limit 17 to (randomized controlled trial or controlled clinical trial)	202
19	exp "controlled clinical trial (topic)"/	62109
20	((randomised or randomized) adj3 (trial* or study or studies)).ti,ab,kw.	341268
21	exp randomization/	63642
22	double blind procedure/	118291
23	single blind procedure/	18928
24	(rct or random*).ti,ab,kw.	926643
25	exp controlled clinical trial/	488717
26	controlled clinical trial*.ti,ab,kw.	22838
27	(placebo or double blind).ti,ab,kw.	257576
28	or/19-27	1270876
29	17 and 28	430
30	18 or 29	430
31	limit 30 to ((danish or english or norwegian or swedish) and yr="2010 -Current")	83

Søghistorie PICO 4-6

Informationskilder:

Database	Udbyder	Resultat	Dato
Medline	OVID	37	03.11.2014
EMBASE	OVID	30	03.11.2014
Total efter dubletsøgning		46	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

Dato: 03.11.2014

Search	Search Terms	Result
1	exp otitis media/	22112
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1562165
3	exp Ear, Middle/ or middle ear.ti,ab.	27769
4	2 and 3	8080
5	(raom or aom or ome).ti,ab.	7394
6	(mastoiditis or tympanitis).ti,ab.	1347
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12582
8	((serous or secretory or purulent) and otitis).ti,ab.	2544
9	(otitis and media).ti,ab.	17313
10	or/1,4-9	39672
11	Middle Ear Ventilation/	2181
12	((tympanostomy or ventilat*) and tube*) or middle ear).ti,ab.	26177
13	grommet*.ti,ab.	501
14	(ventilat* or tubulat* or tympanostom*).ti,ab.	127506
15	11 or 12 or 13 or 14	144559
16	10 and 15	9684
17	Randomized Controlled Trials as Topic/	99129
18	randomized controlled trial/	398166
19	((randomised or randomized) adj3 (trial* or study or studies)).ti,ab.	275713
20	Random Allocation/	83769
21	Double-Blind Method/	131904
22	Single-Blind Method/	20448
23	(rct or random*).ti,ab.	762767
24	controlled clinical trial/	90534
25	controlled clinical trial*.ti,ab.	18654
26	(placebo or double blind).ti,ab.	207401
27	or/17-26	1084534
28	16 and 27	788
29	limit 28 to (yr="2013 -Current" and (danish or english or norwegian or swedish))	37

Embase

Database: Embase<1974 to Week 43>

Dato: 03.11.2014

Search	Search Terms	Result
1	exp otitis media/	30135
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1914462
3	exp middle ear/ or middle ear.ti,ab,kw.	32333
4	2 and 3	9741
5	(raum or aom or ome).ti,ab,kw.	8464
6	(mastoiditis or tympanititis).ti,ab,kw.	1565
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15238
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3069
9	(otitis and media).ti,ab,kw.	20810
10	or/1,4-9	49759
11	Middle Ear Ventilation/	683
12	exp tympanostomy tube/	2023
13	((tympanostomy or ventilat* or middle ear) and tube*).ti,ab,kw.	14914
14	grommet*.ti,ab,kw.	626
15	(ventilat* or tubulat* or tympanostom*).ti,ab,kw.	167407
16	or/11-15	170534
17	10 and 16	4168
18	limit 17 to (randomized controlled trial or controlled clinical trial)	203
19	exp "controlled clinical trial (topic)"/	62367
20	((randomised or randomized) adj3 (trial* or study or studies)).ti,ab,kw.	341522
21	exp randomization/	63671
22	double blind procedure/	118348
23	single blind procedure/	18953
24	(rct or random*).ti,ab,kw.	927229
25	exp controlled clinical trial/	488995
26	controlled clinical trial*.ti,ab,kw.	22847
27	(placebo or double blind).ti,ab,kw.	257680
28	or/19-27	1271760
29	17 and 28	431
30	18 or 29	431
31	limit 30 to ((danish or english or norwegian or swedish) and yr="2013 -Current")	30

Opfølgende søgning PICO 5 Alle dokumenttyper

Informationskilder

Database	Udbyder	Resultat	Dato
Medline	OVID	188	05.12.2014
EMBASE	OVID	87	05.12.2014
Total efter dubletsøgning		209	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

1	exp otitis media/	22168
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1577580
3	exp Ear, Middle/ or middle ear.ti,ab.	27877
4	2 and 3	8111
5	(raom or aom or ome).ti,ab.	7435
6	(mastoiditis or tympanitis).ti,ab.	1352
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12692
8	((serous or secretory or purulent) and otitis).ti,ab.	2549
9	(otitis and media).ti,ab.	17391
10	or/1,4-9	39896
11	Middle Ear Ventilation/	2189
12	((tympanostomy or ventilat*) and tube*) or middle ear).ti,ab.	26313
13	grommet*.ti,ab.	505
14	(ventilat* or tubulat* or tympanostom*).ti,ab.	128444
15	11 or 12 or 13 or 14	145567
16	10 and 15	9723
17	Reflex, Vestibulo-Ocular/	3568
18	exp Vestibular Function Tests/	9082
19	exp Vestibule, Labyrinth/	15713
20	vestibul*.ti,ab.	37337
21	Postural Balance/	16186
22	(balance or Equilibrium).ti,ab.	249455
23	or/17-22	299459
24	16 and 23	263
25	limit 24 to (yr="1984 -Current" and (danish or english or norwegian or swedish))	188

Embase 1974 to 2014 Week 48

1	exp otitis media/	30248
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1924841
3	exp middle ear/ or middle ear.ti,ab,kw.	32456
4	2 and 3	9783
5	(raom or aom or ome).ti,ab,kw.	8508
6	(mastoiditis or tympanitis).ti,ab,kw.	1569
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15306
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3079
9	(otitis and media).ti,ab,kw.	20899
10	or/1,4-9	49955
11	Middle Ear Ventilation/	685
12	exp tympanostomy tube/	2042
13	((tympanostomy or ventilat* or middle ear) and tube*).ti,ab,kw.	15063
14	grommet*.ti,ab,kw.	630
15	(ventilat* or tubulat* or tympanostom*).ti,ab,kw.	168636

16	or/11-15	171780
17	10 and 16	4192
18	exp vestibular test/	6450
19	vestibuloocular reflex/	4160
20	exp vestibular labyrinth/	17106
21	vestibul*.ti,ab,kw.	41372
22	exp vestibular function/	17894
23	(balance or Equilibrium).ti,ab,kw.	282537
24	or/18-23	335111
25	17 and 24	101
26	limit 25 to (danish or english or norwegian or swedish)	87

Opfølgende søgning PICO 7

Informationskilder

Database	Udbyder	Resultat	Dato
Medline	OID	11	17.11.2014
EMBASE	OID	22	17.11.2014
Total efter dubletsøgning		26	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	22152
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1568934
3	exp Ear, Middle/ or middle ear.ti,ab.	27837
4	2 and 3	8096
5	(raom or aom or ome).ti,ab.	7413
6	(mastoiditis or tympanitis).ti,ab.	1351
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12640
8	((serous or secretory or purulent) and otitis).ti,ab.	2547
9	(otitis and media).ti,ab.	17346
10	or/1,4-9	39791
11	Middle Ear Ventilation/	2187
12	((((tympanostomy or ventilat*) and tube*) or middle ear).ti,ab.	26249
13	grommet*.ti,ab.	503
14	(ventilat* or tubulat* or tympanostom*).ti,ab.	127911
15	11 or 12 or 13 or 14	145003
16	Adenoidectomy/	3637
17	(adenoidectom* or adenotonsillectom* or adenotonsilectom* or adeno tonsillectomy* or adeno tonsilectom*).ti,ab.	3802
18	or/16-17	4966
19	Adenoids/ or (adenoid* or adenotonsil*).ti,ab.	10815

20	exp Otorhinolaryngologic Surgical Procedures/	70397
21	surgery.fs.	1646370
22	(surg* or operat* or excis* or extract* or remov* or dissect* or ablat* or coblat* or laser*).ti,ab.	3079705
23	20 or 21 or 22	3830141
24	19 and 23	6412
25	18 or 24	7637
26	10 and 15 and 25	536
27	Randomized Controlled Trials as Topic/	99585
28	randomized controlled trial/	399992
29	Random Allocation/	84070
30	Double Blind Method/	132423
31	Single Blind Method/	20589
32	clinical trial/	501242
33	clinical trial, phase i.pt.	15315
34	clinical trial, phase ii.pt.	24543
35	clinical trial, phase iii.pt.	10046
36	clinical trial, phase iv.pt.	1033
37	controlled clinical trial.pt.	90666
38	randomized controlled trial.pt.	399992
39	multicenter study.pt.	188392
40	clinical trial.pt.	501242
41	exp Clinical Trials as topic/	294598
42	(clinical adj trial\$).tw.	235264
43	((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw.	137004
44	placebos/	34004
45	placebo\$.tw.	169148
46	randomly allocated.tw.	18250
47	(allocated adj2 random\$).tw.	20925
48	or/27-47	1249764
49	case report.tw.	215630
50	case reports/	1736496
51	(historical article or letter or comment or newspaper article).pt.	1474065
52	or/49-51	3071598
53	48 not 52	1197055
54	26 and 53	107
55	limit 54 to (yr="2012 -Current" and (danish or english or norwegian or swedish))	11

Embase

Database: Embase<1974 to Week 46>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	30192
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1924141
3	exp middle ear/ or middle ear.ti,ab,kw.	32366
4	2 and 3	9756
5	(raom or aom or ome).ti,ab,kw.	8496
6	(mastoiditis or tympanititis).ti,ab,kw.	1568

7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15290
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3073
9	(otitis and media).ti,ab,kw.	20847
10	or/1,4-9	49889
11	Middle Ear Ventilation/	685
12	exp tympanostomy tube/	2025
13	((tympanostomy or ventilat* or middle ear) and tube*).ti,ab,kw.	15004
14	grommet*.ti,ab,kw.	626
15	(ventilat* or tubulat* or tympanostom*).ti,ab,kw.	168299
16	or/11-15	171431
17	adenoidectomy/	3822
18	(adenoidectom* or adenotonsillectom* or adenotonsilectom* or adeno tonsillectomy* or adeno tonsilectom*).ti,ab,kw.	4590
19	or/17-18	6010
20	adenoid/ or (adenoid* or adenotonsil*).ti,ab,kw.	12848
21	exp ear nose throat surgery/	68311
22	(surg* or operat* or excis* or extract* or remov* or dissect* or ablat* or coblat* or laser*).ti,ab,kw.	3721138
23	21 or 22	3749630
24	20 and 23	7376
25	19 or 24	8851
26	10 and 16 and 25	539
27	Clinical trial/	839630
28	Randomized controlled trial/ or "randomized controlled trial (topic)"/	414978
29	Randomization/	63874
30	Single blind procedure/	19039
31	double blind procedure/	118670
32	Crossover procedure/	40620
33	Placebo/	260845
34	randomi?ed controlled trial\$.tw.	105744
35	Rct.tw.	15244
36	Random allocation.tw.	1391
37	Randomly allocated.tw.	21330
38	(allocated adj2 random).tw.	799
39	Single blind\$.tw.	15120
40	Double blind\$.tw.	151234
41	((treble or triple) adj blind\$.tw.	430
42	Placebo\$.tw.	209778
43	Prospective study/	266252
44	Allocated randomly.tw.	1976
45	or/27-44	1446083
46	Case study/	28744
47	Case report.tw.	276701
48	Abstract report/ or letter/	924500
49	(conference or journal letter or letter).pt.	3243719
50	or/46-49	3587225
51	45 not 50	1236870
52	26 and 51	121
53	limit 26 to (clinical trial or randomized controlled trial or controlled clinical trial)	81
54	52 or 53	123
55	limit 54 to ((danish or english or norwegian or swedish) and yr="2012 -Current")	23

Opfølgende søgning PICO 8

Informationskilder

Database	Udbyder	Resultat	Dato
Medline	OVID	88	17.11.2014
EMBASE	OVID	102	17.11.2014
Total efter dubletsøgning		153	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	22152
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1568934
3	exp Ear, Middle/ or middle ear.ti,ab.	27837
4	2 and 3	8096
5	(raom or aom or ome).ti,ab.	7413
6	(mastoiditis or tympanititis).ti,ab.	1351
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12640
8	((serous or secretory or purulent) and otitis).ti,ab.	2547
9	(otitis and media).ti,ab.	17346
10	or/1,4-9	39791
11	Middle Ear Ventilation/	2187
12	((tympanostomy or ventilat*) and tube*) or middle ear).ti,ab.	26249
13	grommet*.ti,ab.	503
14	(ventilat* or tubulat* or tympanostom*).ti,ab.	127911
15	11 or 12 or 13 or 14	145003
16	10 and 15	9704
17	(otorrhea or serous or secretory or purulent or effusion* or glue or fluid*).mp.	624132
18	16 and 17	5424
19	Antibiotic Prophylaxis/	9198
20	exp Anti-Bacterial Agents/	546759
21	exp Anti-Infective Agents/	1305277
22	exp Drug Therapy/	1125358
23	(antibiot* or antibact* or antisept* or antiinfect* or microbides or bacteriocid* or antimicrobial* or antimycobact*).ti,ab.	347639
24	(anti adj (biot* or bact* or infect* or microbial* or mycobact* or sept*)).ti,ab.	9068
25	exp Adrenal Cortex Hormones/ or (adrenal cortex hormone* or adrenal steroid* or corticoid* or corticosteroid*).mp.	383491
26	or/19-25	2638693
27	exp Otitis Media/dt [Drug Therapy]	3958
28	18 and 26	1313
29	18 and 27	674
30	28 or 29	1392
31	Randomized Controlled Trials as Topic/	99585

32	randomized controlled trial/	399992
33	Random Allocation/	84070
34	Double Blind Method/	132423
35	Single Blind Method/	20589
36	clinical trial/	501242
37	clinical trial, phase i.pt.	15315
38	clinical trial, phase ii.pt.	24543
39	clinical trial, phase iii.pt.	10046
40	clinical trial, phase iv.pt.	1033
41	controlled clinical trial.pt.	90666
42	randomized controlled trial.pt.	399992
43	multicenter study.pt.	188392
44	clinical trial.pt.	501242
45	exp Clinical Trials as topic/	294598
46	(clinical adj trial\$).tw.	235264
47	((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw.	137004
48	placebos/	34004
49	placebo\$.tw.	169148
50	randomly allocated.tw.	18250
51	(allocated adj2 random\$).tw.	20925
52	or/31-51	1249764
53	case report.tw.	215630
54	case reports/	1736496
55	(historical article or letter or comment or newspaper article).pt.	1474065
56	or/53-55	3071598
57	52 not 56	1197055
58	30 and 57	364
59	limit 58 to (yr="2005 -Current" and (danish or english or norwegian or swedish))	88

Embase

Database: Embase<1974 to Week 46>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	30192
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1924141
3	exp middle ear/ or middle ear.ti,ab,kw.	32366
4	2 and 3	9756
5	(raum or aom or ome).ti,ab,kw.	8496
6	(mastoiditis or tympanitis).ti,ab,kw.	1568
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15290
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3073
9	(otitis and media).ti,ab,kw.	20847
10	or/1,4-9	49889
11	Middle Ear Ventilation/	685
12	exp tympanostomy tube/	2025
13	((tympanostomy or ventilat* or middle ear) and tube*).ti,ab,kw.	15004
14	grommet*.ti,ab,kw.	626

15	(ventilat* or tubulat* or tympanostom*).ti,ab,kw.	168299
16	or/11-15	171431
17	10 and 16	4175
18	exp otorrhea/	7969
19	(otorrhea or serous or secretory or purulent or effusion* or glue or fluid*).mp.	774055
20	18 or 19	775069
21	17 and 20	2897
22	exp antibiotic prophylaxis/	21485
23	exp antiinfective agent/	2270618
24	exp drug therapy/	1858703
25	(antibiot* or antibact* or antisept* or antiinfect* or microbides or bacteriocid* or antimicrobial* or antimycobact*).mp.	733712
26	(anti adj (biot* or bact* or infect* or microbial* or mycobact* or sept*)).mp.	14273
27	exp corticosteroid/ or (adrenal cortex hormone* or adrenal steroid* or corticoid* or corticosteroid*).mp.	759452
28	or/22-27	4108443
29	exp otitis media/dt [Drug Therapy]	6816
30	21 and 28	854
31	21 and 29	447
32	30 or 31	898
33	Clinical trial/	839630
34	Randomized controlled trial/ or "randomized controlled trial (topic)"/	414978
35	Randomization/	63874
36	Single blind procedure/	19039
37	double blind procedure/	118670
38	Crossover procedure/	40620
39	Placebo/	260845
40	randomi?ed controlled trial\$.tw.	105744
41	Rct.tw.	15244
42	Random allocation.tw.	1391
43	Randomly allocated.tw.	21330
44	(allocated adj2 random).tw.	799
45	Single blind\$.tw.	15120
46	Double blind\$.tw.	151234
47	((treble or triple) adj blind\$.tw.	430
48	Placebo\$.tw.	209778
49	Prospective study/	266252
50	Allocated randomly.tw.	1976
51	or/33-50	1446083
52	Case study/	28744
53	Case report.tw.	276701
54	Abstract report/ or letter/	924500
55	(conference or journal letter or letter).pt.	3243719
56	or/52-55	3587225
57	51 not 56	1236870
58	32 and 57	213
59	limit 32 to (clinical trial or randomized controlled trial or controlled clinical trial)	141
60	58 or 59	225
61	limit 60 to ((danish or english or norwegian or swedish) and yr="2005 -Current")	103

Opfølgende søgning PICO 9

Informationskilder

Database	Udbyder	Resultat	Dato
Medline	OVID	87	
EMBASE	OVID	102	
Total efter dubletsøgning		151	

Medline

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	22152
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab.	1568934
3	exp Ear, Middle/ or middle ear.ti,ab.	27837
4	2 and 3	8096
5	(raom or aom or ome).ti,ab.	7413
6	(mastoiditis or tympanitis).ti,ab.	1351
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab.	12640
8	((serous or secretory or purulent) and otitis).ti,ab.	2547
9	(otitis and media).ti,ab.	17346
10	or/1,4-9	39791
11	Middle Ear Ventilation/	2187
12	((tympanostomy or ventilat*) and tube*) or middle ear).ti,ab.	26249
13	grommet*.ti,ab.	503
14	(ventilat* or tubulat* or tympanostom*).ti,ab.	127911
15	11 or 12 or 13 or 14	145003
16	10 and 15	9704
17	(otorrhea or serous or secretory or purulent or effusion* or glue or fluid*).mp.	624132
18	16 and 17	5424
19	Antibiotic Prophylaxis/	9198
20	exp Anti-Bacterial Agents/	546759
21	exp Anti-Infective Agents/	1305277
22	exp Drug Therapy/	1125358
23	(antibiot* or antibact* or antisept* or antiinfect* or microbides or bacteriocid* or antimicrobial* or antimycobact*).ti,ab.	347639
24	(anti adj (biot* or bact* or infect* or microbial* or mycobact* or sept*)).ti,ab.	9068
25	or/19-24	2362798
26	exp Otitis Media/dt [Drug Therapy]	3958
27	18 and 25	1267
28	18 and 26	674
29	27 or 28	1366
30	Randomized Controlled Trials as Topic/	99585
31	randomized controlled trial/	399992
32	Random Allocation/	84070
33	Double Blind Method/	132423

34	Single Blind Method/	20589
35	clinical trial/	501242
36	clinical trial, phase i.pt.	15315
37	clinical trial, phase ii.pt.	24543
38	clinical trial, phase iii.pt.	10046
39	clinical trial, phase iv.pt.	1033
40	controlled clinical trial.pt.	90666
41	randomized controlled trial.pt.	399992
42	multicenter study.pt.	188392
43	clinical trial.pt.	501242
44	exp Clinical Trials as topic/	294598
45	(clinical adj trial\$).tw.	235264
46	((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$3 or mask\$3)).tw.	137004
47	placebos/	34004
48	placebo\$.tw.	169148
49	randomly allocated.tw.	18250
50	(allocated adj2 random\$).tw.	20925
51	or/30-50	1249764
52	case report.tw.	215630
53	case reports/	1736496
54	(historical article or letter or comment or newspaper article).pt.	1474065
55	or/52-54	3071598
56	51 not 55	1197055
57	29 and 56	362
58	limit 57 to (yr="2005 -Current" and (danish or english or norwegian or swedish))	87

Embase

Database: Embase<1974 to Week 46>

Dato: 17.11.2014

Search	Search Terms	Result
1	exp otitis media/	30192
2	Otitis/ or (otitis or infection* or inflamm*).ti,ab,kw.	1924141
3	exp middle ear/ or middle ear.ti,ab,kw.	32366
4	2 and 3	9756
5	(raum or aom or ome).ti,ab,kw.	8496
6	(mastoiditis or tympanitis).ti,ab,kw.	1568
7	(ear and (infection* or inflamm* or effusion* or glue)).ti,ab,kw.	15290
8	((serous or secretory or purulent) and otitis).ti,ab,kw.	3073
9	(otitis and media).ti,ab,kw.	20847
10	or/1,4-9	49889
11	Middle Ear Ventilation/	685
12	exp tympanostomy tube/	2025
13	((tympanostomy or ventilat* or middle ear) and tube*).ti,ab,kw.	15004
14	grommet*.ti,ab,kw.	626
15	(ventilat* or tubulat* or tympanostom*).ti,ab,kw.	168299
16	or/11-15	171431
17	10 and 16	4175
18	exp otorrhea/	7969

19	(otorrhea or serous or secretory or purulent or effusion* or glue or fluid*).mp.	774055
20	18 or 19	775069
21	17 and 20	2897
22	exp antibiotic prophylaxis/	21485
23	exp antiinfective agent/	2270618
24	exp drug therapy/	1858703
25	(antibiot* or antibact* or antisept* or antiinfect* or microbides or bacteriocid* or antimicrobial* or antimycobact*).mp.	733712
26	(anti adj (biot* or bact* or infect* or microbial* or mycobact* or sept*)).mp.	14273
27	or/22-26	3711917
28	exp otitis media/dt [Drug Therapy]	6816
29	21 and 27	829
30	21 and 28	447
31	29 or 30	888
32	Clinical trial/	839630
33	Randomized controlled trial/ or "randomized controlled trial (topic)"/	414978
34	Randomization/	63874
35	Single blind procedure/	19039
36	double blind procedure/	118670
37	Crossover procedure/	40620
38	Placebo/	260845
39	randomi?ed controlled trial\$.tw.	105744
40	Rct.tw.	15244
41	Random allocation.tw.	1391
42	Randomly allocated.tw.	21330
43	(allocated adj2 random).tw.	799
44	Single blind\$.tw.	15120
45	Double blind\$.tw.	151234
46	((treble or triple) adj blind\$.tw.	430
47	Placebo\$.tw.	209778
48	Prospective study/	266252
49	Allocated randomly.tw.	1976
50	or/32-49	1446083
51	Case study/	28744
52	Case report.tw.	276701
53	Abstract report/ or letter/	924500
54	(conference or journal letter or letter).pt.	3243719
55	or/51-54	3587225
56	50 not 55	1236870
57	31 and 56	212
58	limit 31 to (clinical trial or randomized controlled trial or controlled clinical trial)	141
59	57 or 58	224
60	limit 59 to ((danish or english or norwegian or swedish) and yr="2005 -Current")	102

26	Placebo/	259693
27	randomi?ed controlled trial\$.tw.	105498
28	Rct.tw.	15288
29	Random allocation.tw.	1384
30	Randomly allocated.tw.	21318
31	(allocated adj2 random).tw.	798
32	Single blind\$.tw.	15134

33	Double blind\$.tw.	151072
34	((treble or triple) adj blind\$.tw.	428
35	Placebo\$.tw.	209495
36	Prospective study/	266262
37	Allocated randomly.tw.	1979
38	or/20-37	1443758
39	Case study/	28915
40	Case report.tw.	276876
41	Abstract report/ or letter/	922932
42	(conference or journal letter or letter).pt.	3250440
43	or/39-42	3593790
44	38 not 43	1234013
45	19 and 44	2765
46	limit 19 to (randomized controlled trial or controlled clinical trial)	1054
47	45 or 46	2835
48	limit 47 to yr="2012 -Current"	382