

## Søgeprotokol for Nationale Kliniske Retningslinjer

<b>Projekttitel/aspekt</b>	NKR Tonsillektomi – søgning på sekundær litteratur
<b>Kontakt Fagkonsulent/projektleder</b>	Kristine Zøylner Rubeck / Lone Bilde
<b>Kontakt søgespecialist</b>	Conni Skrubbeltrang, Aalborg Universitetshospital, Medicinsk Bibliotek
<b>Senest opdateret</b>	13.03.2015

<b>Baggrund</b>	<p><b>PICO 1</b> Bør man tilbyde tonsillektomi/tonsillotomi eller ingen kirurgi til børn med søvnforstyrrende vejtrækning samt hypertrofiske tonsiller?</p> <p><b>PICO 2</b> Bør man tilbyde tonsillektomi/tonsillotomi eller ingen kirurgi til børn med synke- og/eller taleproblemer samt hypertrofiske tonsiller?</p> <p><b>PICO 3</b> Bør børn med obstruktive symptomer og hypertrofiske tonsiller tilbydes tonsillotomi frem for tonsillektomi?</p> <p><b>PICO 4</b> Bør børn med recidiverende akut tonsillit tilbydes tonsillektomi eller ingen kirurgi?</p> <p><b>PICO 5</b> Bør unge og voksne med recidiverende akut tonsillit tilbydes tonsillektomi eller ingen kirurgi?</p> <p><b>PICO 6</b> Bør indikationen for tonsillektomi hos patienter med recidiverende akut tonsillit følge internationale kriterier eller udbredte nationale kriterier?</p> <p><b>PICO 7</b> Bør unge og voksne patienter med kronisk tonsillit tilbydes tonsillektomi eller ingen kirurgi?</p> <p><b>PICO 8</b> Bør tonsillektomi foregå under indlæggelse ellers som ambulant kirurgi?</p> <p><b>PICO 9</b> Bør smertebehandling af unge og voksne efter udskrivelse efter tonsillektomi inkludere paracetamol og NSAID eller paracetamol, NSAID og ved behov i tillæg opioid.</p>
<b>Søgetermer</b>	Se søgehistorien for de enkelte PICOs

<b>Inklusions- og eksklusionskriterier</b>	Sprog: Engelsk, dansk, norsk og svensk Årstal: se søgehistorien for de enkelte PICO.
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**Note:**

- Guidelines fra firmaet Hayes er fra valgt for denne NKR
- Søgetermer og inklusions- og eksklusionskriterier er tilpasset de enkelte databaser.
- Dubletter er så vidt muligt frasorteret ved hjælp af RefWorks. De fundne referencer overføres til fagkonsulenten i Covidence.
- Fuldtekster præsenteres i Covidence i pdf-format eller som link
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer

Covidence = webbaseret referencesystem

## Søgestrategi

### PICO 1

Medline	OVID	20.05.2015	56
EMBASE	OVID	20.05.2015	42
CINAHL	EBSCO	20.05.2015	3
Cochrane		20.05.2015	26

Efter dubletsøgning i Refworks i alt: 98 poster til screen i Covidence.

### Medline

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

1	Tonsillectomy/	7855
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	10211
3	or/1-2	10211
4	Palatine Tonsil/	8467
5	exp Tonsillitis/	7103
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	31182
7	or/4-6	31578
8	exp Surgical Procedures, Operative/	2470437
9	General Surgery/	34961
10	surgery.fs.	1628442
11	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	3204634
12	or/8-11	4809470
13	7 and 12	13926
14	3 or 13	14733
15	exp Apnea/	31207
16	Snoring/	3341
17	(hypon?ea* or apn?ea* or snoring).mp.	43323
18	(sleep* and breathing and (disorder* or disease*)).mp.	7111
19	or/15-18	44744
20	14 and 19	1862
21	limit 20 to (meta analysis or systematic reviews)	89
22	meta-analysis/ or meta-analysis as topic/	68856
23	(meta analys* or metaanalys* or systematic review*).mp.	137651
24	22 or 23	137651
25	20 and 24	36
26	21 or 25	95
27	(comment or letter or newspaper article).pt.	1165959
28	26 not 27	94
29	limit 28 to (yr="2010 -Current" and (danish or english or norwegian or swedish))	56

## EMBASE

Embase 1974 to 2015 Week 20

1	exp tonsillectomy/	11979
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	13550
3	or/1-2	13550
4	exp tonsil/	9917
5	exp tonsillitis/	12203
6	(tonsil* or adenotonsil* or adeno tonsil*).tw,kw.	30231
7	or/4-6	37670
8	exp surgery/	3623649
9	su.fs.	1769784
10	(surg* or operat* or excis* or extract* or remov* or dissect*).tw,kw.	3690017
11	or/8-10	5931417
12	7 and 11	16608
13	3 or 12	19417
14	exp apnea/	19603
15	exp sleep disordered breathing/	18819
16	snoring/	8141
17	(hypon?ea* or apn?ea* or snoring).mp.	67560
18	(sleep* and breathing and (disorder* or disease*)).mp.	25154
19	or/14-18	74175
20	13 and 19	3050
21	meta analysis/ or "systematic review (topic)"/ or "systematic review"/	154920
22	(meta analys* or metaanalys* or systematic review*).mp.	213368
23	21 or 22	213368
24	20 and 23	79
25	(comment or letter or newspaper article or conference).pt.	3472775
26	24 not 25	69
27	limit 26 to ((danish or english or norwegian or swedish) and yr="2010 -Current")	42

## CINAHL

Search ID#	Search Terms	Search Options	Results
S24	S21 OR S22	Limiters - Published Date: 20100101-20151231; Language: Danish, English, Norwegian, Swedish Search modes - Boolean/Phrase	3
S23	S21 OR S22	Search modes - Boolean/Phrase	12

S22	S11 AND S16	Limiters - Publication Type: Meta Analysis, Meta Synthesis, Systematic Review Search modes - Boolean/Phrase	8
S21	S17 AND S20	Search modes - Boolean/Phrase	10
S20	S18 OR S19	Search modes - Boolean/Phrase	47,950
S19	meta analys* or metaanalys* or systematic review*	Search modes - Boolean/Phrase	47,950
S18	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Boolean/Phrase	32,982
S17	S11 AND S16	Search modes - Boolean/Phrase	381
S16	S12 OR S13 OR S14 OR S15	Search modes - Boolean/Phrase	7,330
S15	(sleep* and breathing and (disorder* or disease*))	Search modes - Boolean/Phrase	1,213
S14	hypon?ea* or apn?ea* or snoring	Search modes - Boolean/Phrase	1,609
S13	(MH "Snoring")	Search modes - Boolean/Phrase	785
S12	(MH "Apnea+")	Search modes - Boolean/Phrase	6,488
S11	S3 OR S10	Search modes - Boolean/Phrase	1,691
S10	S6 AND S9	Search modes - Boolean/Phrase	1,617
S9	S7 OR S8	Search modes - Boolean/Phrase	416,410
S8	surg* or operat* or excis* or extract* or remov* or dissect*	Search modes - Boolean/Phrase	315,564
S7	(MH "Surgery, Operative+")	Search modes - Boolean/Phrase	252,714
S6	S5 OR S4	Search modes - Boolean/Phrase	2,272
S5	tonsil* or adenotonsil* or adeno tonsil*	Search modes - Boolean/Phrase	2,272
S4	(MH "Tonsil") OR (MH "Tonsillitis")	Search modes - Boolean/Phrase	701
S3	S1 OR S2	Search modes - Boolean/Phrase	1,495
S2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*	Search modes - Boolean/Phrase	1,495
S1	(MH "Tonsillectomy")	Search modes - Boolean/Phrase	1,316

## Cochrane Library

Ialt 26

ID	Search
#1	MeSH descriptor: [Tonsillectomy] explode all trees
#2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*
#3	#1 or #2
#4	MeSH descriptor: [Palatine Tonsil] explode all trees
#5	MeSH descriptor: [Tonsillitis] explode all trees
#6	tonsil* or adenotonsil* or adeno tonsil*
#7	#4 or #5 or #6
#8	MeSH descriptor: [Surgical Procedures, Operative] explode all trees
#9	MeSH descriptor: [General Surgery] explode all trees
#10	surg* or operat* or excis* or extract* or remov* or dissect*
#11	#8 or #9 or #10
#12	#7 and #11
#13	#3 or #12
#14	MeSH descriptor: [Apnea] explode all trees
#15	MeSH descriptor: [Snoring] explode all trees
#16	hyponea* or hyponoea* or apnea* or apnoea* or snoring
#17	(sleep* and breathing and (disorder* or disease*))
#18	#14 or #15 or #16 or #17
#19	#13 and #18

## PICO 2

Medline	OVID	20.05.2015	26
EMBASE	OVID	20.05.2015	36
CINAHL	EBSCO	20.05.2015	2
Cochrane		20.05.2015	97

Efter dubletsøgning i Refworks i alt: 147 poster til screen i Covidence.

## MEDLINE

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

1	Tonsillectomy/	7870
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	10221
3	or/1-2	10221
4	Palatine Tonsil/	8471
5	exp Tonsillitis/	7108
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	31193
7	or/4-6	31589
8	exp Surgical Procedures, Operative/	2473932
9	General Surgery/	34983
10	surgery.fs.	1630740
11	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	3206339
12	or/8-11	4813090
13	7 and 12	13938
14	3 or 13	14744
15	exp Eating/	59824
16	exp Nutrition Disorders/	267942
17	Nutritional Status/	24559
18	exp Growth/	628086
19	"Growth and Development"/	1040
20	exp Growth Disorders/	27502
21	exp Human Development/	51861
22	"weights and measures"/ or growth charts/	2810
23	exp Body Weight/	362052
24	Deglutition/	7455
25	Deglutition Disorders/	15570
26	exp Speech Disorders/	26402
27	exp Phonation/	3802
28	exp Voice/	10156
29	exp Voice Disorders/	7112
30	(weight* or growth or thinness or eat* or nutrition* or malnutrition* or malnourishment* or underfeeding* or undernourishment* or undernutrition* or deglutition* or swallow* or dysphagia*).mp.	2368638

31	(speech or voice or phonation or articulat*).mp.	121337
32	or/15-31	2876443
33	14 and 32	1648
34	limit 33 to (meta analysis or systematic reviews)	47
35	meta-analysis/ or meta-analysis as topic/	69109
36	(meta analys* or metaanalys* or systematic review*).mp.	137895
37	35 or 36	137895
38	33 and 37	20
39	34 or 38	50
40	(comment or letter or newspaper article).pt.	1166952
41	39 not 40	49
42	limit 41 to (yr="2010 -Current" and (danish or english or norwegian or swedish))	26

## EMBASE

Embase 1974 to 2015 Week 20

1	exp tonsillectomy/	11979
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	13550
3	or/1-2	13550
4	exp tonsil/	9917
5	exp tonsillitis/	12203
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	39830
7	or/4-6	41289
8	exp surgery/	3623649
9	su.fs.	1769784
10	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	4345838
11	or/8-10	6104897
12	7 and 11	19582
13	3 or 12	20066
14	exp eating/	24035
15	exp nutritional disorder/	622770
16	exp nutritional status/	42560
17	exp growth/	840597
18	"growth, development and aging"/	176246
19	exp growth disorder/	121789
20	exp human development/	19666
21	exp "weight, mass and size"/	1056988
22	exp growth curve/	9773
23	exp body weight/	449898
24	exp swallowing/	15612
25	exp dysphagia/	45398
26	exp speech disorder/	65650
27	exp phonation/	5010
28	exp voice/	14576
29	exp voice disorder/	7240
30	(weight* or growth or thinness or eat* or nutrition* or malnutrition* or malnourishment* or underfeeding* or	3190156



	undernourishment* or undernutrition* or deglutition* or swallow* or dysphagia*).mp.	
31	(speech or voice or phonation or articulat*).mp.	159556
32	or/14-31	4292664
33	13 and 32	3668
34	meta analysis/ or "systematic review (topic)"/ or "systematic review"/	154920
35	(meta analys* or metaanalys* or systematic review*).mp.	213368
36	34 or 35	213368
37	33 and 36	76
38	(comment or letter or newspaper article or conference).pt.	3472775
39	37 not 38	70
40	limit 39 to ((danish or english or norwegian or swedish) and yr="2010 -Current")	36

## CINAHL

Search ID#	Search Terms	Search Options	Results
S36	S33 OR S34	Limiters - Published Date: 20100101-20151231; Language: Danish, English, Norwegian, Swedish Search modes - Boolean/Phrase	2
S35	S33 OR S34	Search modes - Boolean/Phrase	6
S34	S11 AND S28	Limiters - Publication Type: Meta Analysis, Meta Synthesis, Systematic Review Search modes - Boolean/Phrase	4
S33	S29 AND S32	Search modes - Boolean/Phrase	5
S32	S30 OR S31	Search modes - Boolean/Phrase	47,950
S31	meta analys* or metaanalys* or systematic review*	Search modes - Boolean/Phrase	47,950
S30	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Boolean/Phrase	32,982
S29	S11 AND S28	Search modes - Boolean/Phrase	203
S28	S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27	Search modes - Boolean/Phrase	292,261
S27	(speech OR voice OR phonation OR articulat*)	Search modes - Boolean/Phrase	42,057
S26	(weight* OR growth OR thinness OR eat* OR nutrition* OR	Search modes - Boolean/Phrase	220,090

	malnutrition* OR malnourishment* OR underfeeding* OR undernourishment* OR undernutrition* OR deglutition* OR swallow* OR dysphagia*)		
S25	MH "Voice"	Search modes - Boolean/Phrase	1,027
S24	MH "Voice Disorders"	Search modes - Boolean/Phrase	1,969
S23	MH "Phonation"	Search modes - Boolean/Phrase	973
S22	MH "Speech Disorders"	Search modes - Boolean/Phrase	1,766
S21	MH "Deglutition Disorders"	Search modes - Boolean/Phrase	3,717
S20	MH "Deglutition"	Search modes - Boolean/Phrase	1,765
S19	MH "Body Weight+"	Search modes - Boolean/Phrase	60,428
S18	MH "Weights and Measures+"	Search modes - Boolean/Phrase	12,272
S17	MH "Human Development"	Search modes - Boolean/Phrase	1,238
S16	MH "Growth Disorders"	Search modes - Boolean/Phrase	1,029
S15	MH "Growth"	Search modes - Boolean/Phrase	2,422
S14	MH "Nutritional Status"	Search modes - Boolean/Phrase	5,578
S13	MH "Nutrition Disorders+"	Search modes - Boolean/Phrase	52,223
S12	MH "Eating"	Search modes - Boolean/Phrase	2,014
S11	S3 OR S10	Search modes - Boolean/Phrase	1,691
S10	S6 AND S9	Search modes - Boolean/Phrase	1,617
S9	S7 OR S8	Search modes - Boolean/Phrase	416,410
S8	surg* or operat* or excis* or extract* or remov* or dissect*	Search modes - Boolean/Phrase	315,564
S7	(MH "Surgery, Operative+")	Search modes - Boolean/Phrase	252,714
S6	S5 OR S4	Search modes - Boolean/Phrase	2,272
S5	tonsil* or adenotonsil* or adeno tonsil*	Search modes - Boolean/Phrase	2,272
S4	(MH "Tonsil") OR (MH "Tonsillitis")	Search modes - Boolean/Phrase	701
S3	S1 OR S2	Search modes - Boolean/Phrase	1,495
S2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*	Search modes - Boolean/Phrase	1,495
S1	(MH "Tonsillectomy")	Search modes - Boolean/Phrase	1,316

## Cochrane

Ialt 97

ID	Search
#1	MeSH descriptor: [Tonsillectomy] explode all trees
#2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*
#3	#1 or #2
#4	MeSH descriptor: [Palatine Tonsil] explode all trees
#5	MeSH descriptor: [Tonsillitis] explode all trees
#6	tonsil* or adenotonsil* or adeno tonsil*
#7	#4 or #5 or #6
#8	MeSH descriptor: [Surgical Procedures, Operative] explode all trees
#9	MeSH descriptor: [General Surgery] explode all trees
#10	surg* or operat* or excis* or extract* or remov* or dissect*
#11	#8 or #9 or #10
#12	#7 and #11
#13	#3 or #12
#14	MeSH descriptor: [Eating] explode all trees
#15	MeSH descriptor: [Nutrition Disorders] explode all trees
#16	MeSH descriptor: [Nutritional Status] explode all trees
#17	MeSH descriptor: [Growth] explode all trees
#18	MeSH descriptor: [Growth and Development] this term only
#19	MeSH descriptor: [Growth Disorders] explode all trees
#20	MeSH descriptor: [Human Development] explode all trees
#21	MeSH descriptor: [Weights and Measures] this term only
#22	MeSH descriptor: [Body Weight] explode all trees
#23	MeSH descriptor: [Deglutition] explode all trees
#24	MeSH descriptor: [Deglutition Disorders] explode all trees
#25	MeSH descriptor: [Speech Disorders] explode all trees
#26	MeSH descriptor: [Phonation] explode all trees
#27	MeSH descriptor: [Voice] explode all trees
#28	MeSH descriptor: [Voice Disorders] explode all trees
#29	(weight* or growth or thinness or eat* or nutrition* or malnutrition* or malnourishment* or underfeeding* or undernourishment* or undernutrition* or deglutition* or swallow* or dysphagia*)
#30	(speech or voice or phonation or articulat*)
#31	#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
#32	#13 and #31

## PICO 3

Medline	OVID	20.05.2015	12
EMBASE	OVID	20.05.2015	15
CINAHL	EBSCO	20.05.2015	3
Cochrane		20.05.2015	56

Efter dubletsøgning i Refworks i alt: 73 poster til screen i Covidence.

## MEDLINE

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

1	Tonsillectomy/	7870
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom*).mp.	10207
3	1 or 2	10207
4	Palatine Tonsil/	8471
5	exp Tonsillitis/	7108
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	31193
7	or/5-6	31589
8	exp Surgical Procedures, Operative/	2473932
9	General Surgery/	34983
10	surgery.fs.	1630740
11	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	3206339
12	or/8-11	4813090
13	7 and 12	13938
14	(partial* or partly or Intracapsular* or intra capsular*).mp.	650900
15	3 and 14	287
16	13 and 14	414
17	tonsillotomy*.mp.	155
18	15 or 16 or 17	557
19	limit 18 to (meta analysis or systematic reviews)	16
20	meta-analysis/ or meta-analysis as topic/	69109
21	(meta analys* or metaanalys* or systematic review*).mp.	137895
22	20 or 21	137895
23	18 and 22	11
24	19 or 23	20
25	(comment or letter or newspaper article).pt.	1166952
26	24 not 25	19
27	limit 26 to (yr="2010 -Current" and (danish or english or norwegian or swedish))	12

## EMBASE

Embase 1974 to 2015 Week 20

1	exp tonsillectomy/	11979
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom*).mp.	13540
3	or/1-2	13540
4	exp tonsil/	9917
5	exp tonsillitis/	12203
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	39830
7	or/4-6	41289
8	exp surgery/	3623649
9	su.fs.	1769784
10	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	4345838
11	or/8-10	6104897
12	7 and 11	19582
13	3 or 12	20066
14	(partial* or partly or Intracapsular* or intracapsular*).mp.	756516
15	13 and 14	712
16	tonsillotomy.mp.	193
17	15 or 16	848
18	meta analysis/ or "systematic review (topic)"/ or "systematic review"/	154920
19	(meta analys* or metaanalys* or systematic review*).mp.	213368
20	18 or 19	213368
21	17 and 20	28
22	(comment or letter or newspaper article or conference).pt.	3472775
23	21 not 22	22
24	limit 23 to ((danish or english or norwegian or swedish) and yr="2010 -Current")	15

## CINAHL

Search ID#	Search Terms	Search Options	Results
S22	S19 OR S20	Limiters - Published Date: 20100101-20151231; Language: Danish, English, Norwegian, Swedish Search modes - Boolean/Phrase	3
S21	S19 OR S20	Search modes - Boolean/Phrase	4
S20	S13 OR S14	Limiters - Publication Type: Meta Analysis, Meta Synthesis, Systematic Review Search modes - Boolean/Phrase	3

S19	S15 AND S18	Search modes - Boolean/Phrase	4
S18	S16 OR S17	Search modes - Boolean/Phrase	47,829
S17	meta analys* or metaanalys* or systematic review*	Search modes - Boolean/Phrase	47,829
S16	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Boolean/Phrase	32,889
S15	S13 OR S14	Search modes - Boolean/Phrase	55
S14	tonsillotom*	Search modes - Boolean/Phrase	20
S13	(S11 AND S12)	Search modes - Boolean/Phrase	39
S12	partial* or partly or Intracapsular* or intra capsular*	Search modes - Boolean/Phrase	26,059
S11	S3 OR S10	Search modes - Boolean/Phrase	1,690
S10	S6 AND S9	Search modes - Boolean/Phrase	1,617
S9	S7 OR S8	Search modes - Boolean/Phrase	416,027
S8	surg* or operat* or excis* or extract* or remov* or dissect*	Search modes - Boolean/Phrase	315,268
S7	(MH "Surgery, Operative+")	Search modes - Boolean/Phrase	252,467
S6	S5 OR S4	Search modes - Boolean/Phrase	2,270
S5	tonsil* or adenotonsil* or adeno tonsil*	Search modes - Boolean/Phrase	2,270
S4	(MH "Tonsil") OR (MH "Tonsillitis")	Search modes - Boolean/Phrase	701
S3	S1 OR S2	Search modes - Boolean/Phrase	1,493
S2	adenotonsillectom* or adeno tonsillectom* or tonsillectom*	Search modes - Boolean/Phrase	1,493
S1	(MH "Tonsillectomy")	Search modes - Boolean/Phrase	1,316

## Cochrane

Ialt 56

ID	Search
#1	MeSH descriptor: [Tonsillectomy] explode all trees
#2	adenotonsillectom* or adeno tonsillectom* or tonsillectom*
#3	#1 or #2

#4	MeSH descriptor: [Palatine Tonsil] explode all trees
#5	MeSH descriptor: [Tonsillitis] explode all trees
#6	tonsil* or adenotonsil* or adeno tonsil*
#7	#4 or #5 or #6
#8	MeSH descriptor: [Surgical Procedures, Operative] explode all trees
#9	MeSH descriptor: [General Surgery] explode all trees
#10	surg* or operat* or excis* or extract* or remov* or dissect*
#11	#8 or #9 or #10
#12	#7 and #11
#13	#3 or #12
#14	(partial* or partly or Intracapsular* or intra capsular*)
#15	#13 and #14
#16	tonsillotom*
#17	#15 or #16

## PICO 4 5 6

Medline	OVID	21.05.2015	53
EMBASE	OVID	21.05.2015	46
CINAHL	EBSCO	21.05.2015	13
Cochrane		21.05.2015	101

Efter dubletsøgning i Refworks i alt: 165 poster til screen i Covidence.

## MEDLINE

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

1	Tonsillectomy/	7870
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	10221
3	or/1-2	10221
4	Palatine Tonsil/	8471
5	(tonsil* or adenotonsil* or adeno tonsil*).mp.	31193
6	4 or 5	31193
7	exp Surgical Procedures, Operative/	2473932
8	General Surgery/	34983
9	surgery.fs.	1630740
10	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	3206339
11	or/7-10	4813090
12	6 and 11	13750
13	3 or 12	14556

14	exp Pharyngitis/	13517
15	exp Laryngitis/	3668
16	(sore adj3 throat*).mp.	3902
17	((throat* or tonsil* or adenotonsil* or adeno tonsil*) adj3 infection*).mp.	1440
18	(Tonsilliti* or pharyngit* or laryngit*).mp.	18677
19	or/14-18	23490
20	13 and 19	3171
21	limit 20 to (meta analysis or systematic reviews)	82
22	meta-analysis/ or meta-analysis as topic/	69109
23	(meta analys* or metaanalys* or systematic review*).mp.	137895
24	22 or 23	137895
25	20 and 24	45
26	21 or 25	88
27	limit 26 to (yr="2008 -Current" and (danish or english or norwegian or swedish))	53

## EMBASE

Embase 1974 to 2015 Week 20

1	exp tonsillectomy/	11979
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	13550
3	or/1-2	13550
4	exp tonsil/	9917
5	exp tonsillitis/	12203
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	39830
7	or/4-6	41289
8	exp surgery/	3623649
9	su.fs.	1769784
10	(surg* or operat* or excis* or extract* or remov* or dissect*).tw,kw.	3690017
11	or/8-10	5931417
12	7 and 11	19415
13	3 or 12	19901
14	exp pharyngitis/ or exp tonsillitis/	31117
15	exp laryngitis/	6003
16	(sore adj3 throat*).mp.	12449
17	((throat* or tonsil*) adj3 infection*).mp.	1771
18	(Tonsilliti* or pharyngit* or laryngit*).mp.	28596
19	or/14-18	49604
20	13 and 19	4972
21	meta analysis/ or "systematic review (topic)"/ or "systematic review"/	154920
22	(meta analys* or metaanalys* or systematic review*).mp.	213368
23	21 or 22	213368
24	20 and 23	98
25	(comment or letter or newspaper article or conference).pt.	3472775
26	24 not 25	86
27	limit 26 to ((danish or english or norwegian or swedish) and yr="2010 -Current")	46



## CINAHL

Search ID#	Search Terms	Search Options	Results
S22	S19 OR S20	Limiters - Published Date: 20080101-20151231; Language: Danish, English, Norwegian, Swedish Search modes - Boolean/Phrase	13
S21	S19 OR S20	Search modes - Boolean/Phrase	20
S20	S11 AND S16	Limiters - Publication Type: Meta Analysis, Meta Synthesis, Systematic Review Search modes - Boolean/Phrase	15
S19	S17 AND S18	Search modes - Boolean/Phrase	14
S18	(MH "Systematic Review") OR (MH "Meta Analysis") OR ( meta analys* OR metaanalys* OR meta analyz* OR systematic review )	Search modes - Boolean/Phrase	44,583
S17	S11 AND S16	Search modes - Boolean/Phrase	319
S16	S12 OR S13 OR S14 OR S15	Search modes - Boolean/Phrase	2,666
S15	Tonsilliti* or pharyngit* or laryngit*	Search modes - Boolean/Phrase	1,806
S14	((throat* or tonsil* or adenotonsil* or adeno tonsil*) N3 infection*)	Search modes - Boolean/Phrase	116
S13	sore N3 throat*	Search modes - Boolean/Phrase	611
S12	(MH "Pharyngitis") OR (MH "Tonsillitis+") OR (MH "Laryngitis+")	Search modes - Boolean/Phrase	2,042
S11	S3 OR S10	Search modes - Boolean/Phrase	1,690
S10	S6 AND S9	Search modes - Boolean/Phrase	1,617
S9	S7 OR S8	Search modes - Boolean/Phrase	416,027
S8	surg* or operat* or excis* or extract* or remov* or dissect*	Search modes - Boolean/Phrase	315,268
S7	(MH "Surgery, Operative+")	Search modes - Boolean/Phrase	252,467
S6	S5 OR S4	Search modes - Boolean/Phrase	2,270
S5	tonsil* or adenotonsil* or adeno tonsil*	Search modes - Boolean/Phrase	2,270
S4	(MH "Tonsil") OR (MH "Tonsillitis")	Search modes - Boolean/Phrase	701
S3	S1 OR S2	Search modes - Boolean/Phrase	1,494

S2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*	Search modes - Boolean/Phrase	1,494
S1	(MH "Tonsillectomy")	Search modes - Boolean/Phrase	1,316

## Cochrane

Ialt 101 poster

ID	Search
#1	MeSH descriptor: [Tonsillectomy] explode all trees
#2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*
#3	#1 or #2
#4	MeSH descriptor: [Palatine Tonsil] explode all trees
#5	MeSH descriptor: [Tonsillitis] explode all trees
#6	tonsil* or adenotonsil* or adeno tonsil*
#7	#4 or #5 or #6
#8	MeSH descriptor: [Surgical Procedures, Operative] explode all trees
#9	MeSH descriptor: [General Surgery] explode all trees
#10	surg* or operat* or excis* or extract* or remov* or dissect*
#11	#8 or #9 or #10
#12	#7 and #11
#13	#3 or #12
#14	MeSH descriptor: [Pharyngitis] explode all trees
#15	MeSH descriptor: [Laryngitis] explode all trees
#16	sore throat* or throat infection* or tonsil infection*
#17	tonsilliti* or pharyngit* or laryngit*
#18	#14 or #15 or #16 or #17
#19	#13 and #18

## PICO 7

Medline	OVID	22.05.2015	60
EMBASE	OVID	22.05.2015	75
CINAHL	EBSCO	22.05.2015	16
Cochrane		22.05.2015	118

Efter dubletsøgning i Refworks i alt: 211 poster til screen i Covidence.

## MEDLINE

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

1	Tonsillectomy/	7870
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	10231
3	or/1-2	10231
4	Palatine Tonsil/	8471
5	(tonsil* or adenotonsil* or adeno tonsil*).mp.	31206
6	4 or 5	31206
7	exp Surgical Procedures, Operative/	2473932
8	General Surgery/	34983
9	surgery.fs.	1630740
10	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	3207070
11	or/7-10	4813821
12	6 and 11	13758
13	3 or 12	14567
14	exp Pharyngitis/	13517
15	exp Laryngitis/	3668
16	(sore adj3 throat*).mp.	3902
17	((throat* or tonsil* or adenotonsil* or adeno tonsil*) adj3 infection*).mp.	1440
18	(Tonsilliti* or pharyngit* or laryngit*).mp.	18678
19	Halitosis/	1107
20	(foetor ex ore or fetor oris or oral odo?r* or breath odo?r* or bad breath* or oral malodo?r*).mp.	794
21	exp Calculi/	48104
22	(calculosis or calculi* or calculos).mp.	41619
23	(tonsil* plug* or tonsillolith* or tonsil* stone*).mp.	100
24	or/14-23	77111
25	13 and 24	3224
26	limit 25 to (meta analysis or systematic reviews)	83
27	meta-analysis/ or meta-analysis as topic/	69111
28	(meta analys* or metaanalys* or systematic review*).mp.	138001
29	27 or 28	138001
30	25 and 29	46
31	26 or 30	89
32	(comment or letter or newspaper article).pt.	1167276
33	31 not 32	85
34	limit 33 to (yr="2005 -Current" and (danish or english or norwegian or swedish))	60

## EMBASE

Embase 1974 to 2015 Week 20

1	exp tonsillectomy/	11979
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	13550
3	or/1-2	13550
4	exp tonsil/	9917
5	exp tonsillitis/	12203
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	39830
7	or/4-6	41289
8	exp surgery/	3623649
9	su.fs.	1769784
10	(surg* or operat* or excis* or extract* or remov* or dissect*).tw,kw.	3690017
11	or/8-10	5931417
12	7 and 11	19415
13	3 or 12	19901
14	exp pharyngitis/ or exp tonsillitis/ or exp laryngitis/	36122
15	((throat* or tonsil*) adj3 infection*).mp.	1771
16	(sore adj3 throat*).mp.	12449
17	(Tonsilliti* or pharyngit* or laryngit*).mp.	28596
18	halitosis/	2083
19	(foetor ex ore or fetor oris or oral odo?r* or breath odo?r* or bad breath* or oral malodo?r*).mp.	880
20	stone formation/	10667
21	(calculosis or calculi* or calculos).mp.	20683
22	(tonsil* plug* or tonsillolith* or tonsil* stone*).mp.	104
23	or/14-22	78686
24	13 and 23	5035
25	meta analysis/ or "systematic review (topic)"/ or "systematic review"/	154920
26	(meta analys* or metaanalys* or systematic review*).mp.	213368
27	25 or 26	213368
28	24 and 27	101
29	(comment or letter or newspaper article or conference).pt.	3472775
30	28 not 29	89
31	limit 30 to ((danish or english or norwegian or swedish) and yr="2005 -Current")	75

## CINAHL

Search ID#	Search Terms	Search Options	Results
S35	S32 OR S33	Limiters - Published Date: 20050101-20151231; Language: Danish, English, Norwegian, Swedish Search modes - Boolean/Phrase	16
S34	S32 OR S33	Search modes - Boolean/Phrase	21
S33	S16 AND S27	Limiters - Publication Type: Meta Analysis, Meta Synthesis, Systematic Review Search modes - Boolean/Phrase	15
S32	S28 AND S31	Search modes - Boolean/Phrase	18
S31	S29 OR S30	Search modes - Boolean/Phrase	47,950
S30	meta analys* or metaanalys* or systematic review*	Search modes - Boolean/Phrase	47,950
S29	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Boolean/Phrase	32,982
S28	S16 AND S27	Search modes - Boolean/Phrase	326
S27	S19 OR S26	Search modes - Boolean/Phrase	1,691
S26	S22 AND S25	Search modes - Boolean/Phrase	1,617
S25	S23 OR S24	Search modes - Boolean/Phrase	416,410
S24	surg* or operat* or excis* or extract* or remov* or dissect*	Search modes - Boolean/Phrase	315,564
S23	(MH "Surgery, Operative+")	Search modes - Boolean/Phrase	252,714
S22	S21 OR S20	Search modes - Boolean/Phrase	2,272
S21	tonsil* or adenotonsil* or adeno tonsil*	Search modes - Boolean/Phrase	2,272
S20	(MH "Tonsil") OR (MH "Tonsillitis")	Search modes - Boolean/Phrase	701
S19	S17 OR S18	Search modes - Boolean/Phrase	1,495
S18	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*	Search modes - Boolean/Phrase	1,495

S17	(MH "Tonsillectomy")	Search modes - Boolean/Phrase	1,316
S16	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15	Search modes - Boolean/Phrase	5,862
S15	fetor N3 oris	Search modes - Boolean/Phrase	0
S14	oral N3 odor*	Search modes - Boolean/Phrase	4
S13	oral N3 odour*	Search modes - Boolean/Phrase	3
S12	tonsil* N3 plug*	Search modes - Boolean/Phrase	1
S11	fetor N3 oris	Search modes - Boolean/Phrase	0
S10	tonsil* N3 stone*	Search modes - Boolean/Phrase	2
S9	bad N3 breath*	Search modes - Boolean/Phrase	92
S8	calculosis or calculi* or calculus	Search modes - Boolean/Phrase	2,086
S7	(MH "Calculi+")	Search modes - Boolean/Phrase	2,751
S6	foetor N1 ex N1 ore	Search modes - Boolean/Phrase	1
S5	tonsillolith*	Search modes - Boolean/Phrase	15
S4	Tonsilliti* or pharyngit* or laryngit*	Search modes - Boolean/Phrase	1,808
S3	((throat* or tonsil* or adenotonsil* or adeno tonsil*) N3 infection*)	Search modes - Boolean/Phrase	116
S2	sore N3 throat*	Search modes - Boolean/Phrase	611
S1	(MH "Pharyngitis") OR (MH "Tonsillitis+") OR (MH "Laryngitis+")	Search modes - Boolean/Phrase	2,044

## Cochrane Libray

Ialt 118 poster

ID	Search
#1	MeSH descriptor: [Tonsillectomy] explode all trees
#2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*
#3	#1 or #2

#4	MeSH descriptor: [Palatine Tonsil] explode all trees
#5	MeSH descriptor: [Tonsillitis] explode all trees
#6	tonsil* or adenotonsil* or adeno tonsil*
#7	#4 or #5 or #6
#8	MeSH descriptor: [Surgical Procedures, Operative] explode all trees
#9	MeSH descriptor: [General Surgery] explode all trees
#10	surg* or operat* or excis* or extract* or remov* or dissect*
#11	#8 or #9 or #10
#12	#7 and #11
#13	#3 or #12
#14	MeSH descriptor: [Pharyngitis] explode all trees
#15	MeSH descriptor: [Laryngitis] explode all trees
#16	sore throat* or throat infection* or tonsil infection*
#17	tonsilliti* or pharyngit* or laryngit*
#18	MeSH descriptor: [Halitosis] explode all trees
#19	foetor ex ore or fetor oris or oral odor* or breath odor* or bad breath* or oral malodor*
#20	oral odour* or breath odour or oral malodour*
#21	calculosis or calculi* or calculos
#22	tonsil* plug* or tonsillolith* or tonsil* stone*
#23	#14 or #15 or #16 or #17 or #18 or #19 or #21 or #22
#24	#13 and #23

## PICO 8

Medline	OVID	02.06.2015	39
EMBASE	OVID	02.06.2015	30
CINAHL	EBSCO	02.06.2015	3
Cochrane		02.06.2015	51

Efter dubletsøgning i Refworks i alt 98 poster til screen i Covidence.

## MEDLINE

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

1	Tonsillectomy/	7875
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	10238
3	or/1-2	10238
4	Palatine Tonsil/	8475

5	exp Tonsillitis/	7112
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	31237
7	or/4-6	31633
8	exp Surgical Procedures, Operative/	2476958
9	General Surgery/	35004
10	surgery.fs.	1632618
11	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	3212789
12	or/8-11	4821130
13	7 and 12	13964
14	3 or 13	14772
15	Inpatients/ or Outpatients/	22313
16	Ambulatory Care/ or exp Ambulatory Care Facilities/ or Ambulatory Surgical Procedures/	88507
17	(inpatient* or in patient* or hospitalise* or hospitalize* or in hospital*).mp.	1390033
18	(outpatient* or out patient* or outward*).mp.	161148
19	(ambulatory or ambulant or surgicenter* or outdoor clinic*).mp.	129072
20	(day surg* or office surg* or day stay).mp.	2884
21	"Length of Stay"/ or ((hospital* or length*) adj2 stay*).mp.	115406
22	or/15-21	1672564
23	14 and 22	2140
24	limit 23 to (meta analysis or systematic reviews)	75
25	meta-analysis/ or meta-analysis as topic/	69279
26	(meta analys* or metaanalys* or systematic review*).mp.	138655
27	25 or 26	138655
28	23 and 27	40
29	24 or 28	80
30	(comment or letter or newspaper article).pt.	1169734
31	29 not 30	79
32	limit 31 to (yr="2010 -Current" and (danish or english or norwegian or swedish))	39

## EMBASE

Embase 1974 to 2015 Week 22

1	exp tonsillectomy/	12028
2	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	13601
3	or/1-2	13601
4	exp tonsil/	9926
5	exp tonsillitis/	12229
6	(tonsil* or adenotonsil* or adeno tonsil*).mp.	39929
7	or/4-6	41391
8	exp surgery/	3634397
9	su.fs.	1774303
10	(surg* or operat* or excis* or extract* or remov* or dissect*).tw,kw.	3701752
11	or/8-10	5948928



12	7 and 11	19479
13	3 or 12	19966
14	exp hospital patient/ or outpatient/	152364
15	outpatient department/ or outpatient care/ or exp ambulatory care/ or ambulatory surgery/	116354
16	(inpatient* or in patient* or hospitalise* or hospitalize* or in hospital*).mp.	1947415
17	(outpatient* or out patient* or outward*).mp.	247958
18	(ambulatory or ambulant or surgicenter* or outdoor clinic*).mp.	121461
19	(day surg* or office surg* or day stay).mp.	4337
20	"Length of Stay"/ or ((hospital* or length*) adj2 stay*).mp.	168922
21	or/14-20	2313338
22	13 and 21	3061
23	meta analysis/ or "systematic review (topic)"/ or "systematic review"/	156353
24	(meta analys* or metaanalys* or systematic review*).mp.	215411
25	23 or 24	215411
26	22 and 25	70
27	(comment or letter or newspaper article or conference).pt.	3485641
28	26 not 27	62
29	limit 28 to ((danish or english or norwegian or swedish) and yr="2010 - Current")	30

## CINAHL

Search ID#	Search Terms	Search Options	Results
S1	(MH "Tonsillectomy")	Search modes - Boolean/Phrase	1,321
S2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*	Search modes - Boolean/Phrase	1,500
S3	S1 OR S2	Search modes - Boolean/Phrase	1,500
S4	(MH "Tonsil") OR (MH "Tonsillitis")	Search modes - Boolean/Phrase	701
S5	tonsil* or adenotonsil* or adeno tonsil*	Search modes - Boolean/Phrase	2,277
S6	S5 OR S4	Search modes - Boolean/Phrase	2,277
S7	(MH "Surgery, Operative+")	Search modes - Boolean/Phrase	253,516
S8	surg* or operat* or excis* or extract* or remov* or dissect*	Search modes - Boolean/Phrase	316,371
S9	S7 OR S8	Search modes - Boolean/Phrase	417,538
S10	S6 AND S9	Search modes - Boolean/Phrase	1,623

S11	S3 OR S10	Search modes - Boolean/Phrase	1,696
S12	(MH "Inpatients")	Search modes - Boolean/Phrase	57,526
S13	(MH "Outpatients")	Search modes - Boolean/Phrase	31,958
S14	(MH "Ambulatory Surgery") OR (MH "Outpatient Service") OR (MH "Ambulatory Care Facilities+")	Search modes - Boolean/Phrase	15,947
S15	inpatient* or in patient* or hospitalise* or hospitalize* or in hospital*	Search modes - Boolean/Phrase	207,462
S16	outpatient* or out patient* or outward*	Search modes - Boolean/Phrase	51,813
S17	ambulatory or ambulant or surgicenter* or outdoor clinic*	Search modes - Boolean/Phrase	26,319
S18	day surg* or office surg* or day stay	Search modes - Boolean/Phrase	1,200
S19	(MH "Length of Stay")	Search modes - Boolean/Phrase	17,388
S20	(hospital* or length*) N3 stay*)	Search modes - Boolean/Phrase	26,465
S21	S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20	Search modes - Boolean/Phrase	280,164
S22	S11 AND S21	Search modes - Boolean/Phrase	301
S23	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Boolean/Phrase	33,143
S24	meta analys* or metaanalys* or systematic review*	Search modes - Boolean/Phrase	48,121
S25	S23 OR S24	Search modes - Boolean/Phrase	48,121
S26	S22 AND S25	Search modes - Boolean/Phrase	13
S27	S11 AND S21	Limiters - Publication Type: Meta Analysis, Meta Synthesis, Systematic Review Search modes - Boolean/Phrase	10
S28	S26 OR S27	Search modes - Boolean/Phrase	14
S29	S26 OR S27	Limiters - Published Date: 20100101-20151231; Language: Danish, English, Norwegian, Swedish Search modes - Boolean/Phrase	8

## Cochrane Library

ID	Search
#1	MeSH descriptor: [Tonsillectomy] explode all trees
#2	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*
#3	#1 or #2
#4	MeSH descriptor: [Palatine Tonsil] explode all trees
#5	MeSH descriptor: [Tonsillitis] explode all trees
#6	tonsil* or adenotonsil* or adeno tonsil*
#7	#4 or #5 or #6
#8	MeSH descriptor: [Surgical Procedures, Operative] explode all trees
#9	MeSH descriptor: [General Surgery] explode all trees
#10	surg* or operat* or excis* or extract* or remov* or dissect*
#11	#8 or #9 or #10
#12	#7 and #11
#13	#3 or #12
#14	MeSH descriptor: [Inpatients] explode all trees
#15	MeSH descriptor: [Outpatients] explode all trees
#16	MeSH descriptor: [Ambulatory Care] explode all trees
#17	MeSH descriptor: [Ambulatory Care Facilities] explode all trees
#18	MeSH descriptor: [Ambulatory Surgical Procedures] explode all trees
#19	(inpatient* or in patient* or hospitalise* or hospitalize* or "in hospital*")
#20	(outpatient* or out patient* or outward*)
#21	(ambulatory or ambulant or surgicenter* or outdoor clinic*)
#22	MeSH descriptor: [Length of Stay] explode all trees
#23	((hospital or length*) and stay*)
#24	#12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23
#25	#3 and #24

## PiCO 9

Medline	OVID	04.06.2015	30
EMBASE	OVID	04.06.2015	55
CINAHL	EBSCO	04.06.2015	3
Cochrane		04.06.2015	53

Efter dubletsøgning i Refworks i alt 117 poster til screen i Covidence.

## MEDLINE

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

1	Acetaminophen/	14511
2	exp Receptors, Opioid/	23101
3	Analgesics, Opioid/	30234
4	exp Opiate Alkaloids/	76411
5	exp Anti-Inflammatory Agents, Non-Steroidal/	161726
6	(opiate* or opioid* or morphine*).mp.	66708
7	(nsaid or paracetamol* or acetaminophen*).mp.	30634
8	((nonsteroid* or non steroid*) adj3 (antiinflammatory or anti inflammatory or antirheumatic*)).mp.	70445
9	exp Narcotics/ or (tradolan* or mandolgin* or tramadol*).mp.	102302
10	exp Pain, Postoperative/dt [Drug Therapy]	10916
11	or/1-10	332897
12	Tonsillectomy/	7892
13	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	10253
14	or/12-13	10253
15	Palatine Tonsil/	8482
16	exp Tonsillitis/	7122
17	(tonsil* or adenotonsil* or adeno tonsil*).mp.	31266
18	or/15-17	31662
19	exp Surgical Procedures, Operative/	2481779
20	General Surgery/	35054
21	surgery.fs.	1635468
22	(surg* or operat* or excis* or extract* or remov* or dissect*).mp.	3218774
23	or/19-22	4829959
24	18 and 23	13986
25	14 or 24	14790
26	11 and 25	714
27	limit 26 to (meta analysis or systematic reviews)	34
28	meta-analysis/ or meta-analysis as topic/	69769
29	(meta analys* or metaanalys* or systematic review*).mp.	139305
30	28 or 29	139305
31	26 and 30	27
32	27 or 31	36
33	limit 32 to (yr="2005 -Current" and (danish or english or norwegian or swedish))	30

## EMBASE

1	paracetamol/	67665
2	exp nonsteroid antiinflammatory agent/	463870
3	exp opiate agonist/	294430
4	(opiate* or opioid* or morphine*).mp.	181242
5	(nsaid or paracetamol* or acetaminophen*).mp.	85728
6	((nonsteroid* or non steroid*) adj3 (antiinflammatory or anti inflammatory or antirheumatic*)).mp.	113064
7	postoperative pain/dt [Drug Therapy]	19532
8	exp narcotic analgesic agent/ or (tradolan* or mandolgin* or tramadol*).mp.	261364
9	or/1-8	830185
10	exp tonsillectomy/	12028
11	(adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*).mp.	13601
12	or/10-11	13601
13	exp tonsil/	9926
14	exp tonsillitis/	12229
15	(tonsil* or adenotonsil* or adeno tonsil*).mp.	39929
16	or/13-15	41391
17	exp surgery/	3634397
18	su.fs.	1774303
19	(surg* or operat* or excis* or extract* or remov* or dissect*).tw,kw.	3701752
20	or/17-19	5948928
21	16 and 20	19479
22	12 or 21	19966
23	9 and 22	1717
24	meta analysis/ or "systematic review (topic)"/ or "systematic review"/	156353
25	(meta analys* or metaanalys* or systematic review*).mp.	215411
26	24 or 25	215411
27	23 and 26	81
28	(comment or letter or newspaper article or conference).pt.	3485641
29	27 not 28	70
30	limit 29 to ((danish or english or norwegian or swedish) and yr="2005 -Current")	55

## CINAHL

Search ID#	Search Terms	Search Options	Results
S1	(MH "Acetaminophen")	Search modes - Boolean/Phrase	2,676
S2	(MH "Analgesics, Opioid+") or (MH	Search modes -	20,939

	"Narcotics+") OR ( tradolan* or mandolgin* or tramadol* )	Boolean/Phrase	
S3	(MH "Opioid Peptides+")	Search modes - Boolean/Phrase	449
S4	(MH "Antiinflammatory Agents, Non-Steroidal+")	Search modes - Boolean/Phrase	16,416
S5	opiate* or opioid* or paracetamol* or morphine* or acetaminophen*	Search modes - Boolean/Phrase	9,140
S6	nsaid OR ( ((nonsteroid* or non steroid*) N3 (antiinflammatory or anti inflammatory or antirheumatic*)) )	Search modes - Boolean/Phrase	8,620
S7	(MH "Postoperative Pain/DT")	Search modes - Boolean/Phrase	2,699
S8	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7	Search modes - Boolean/Phrase	41,435
S9	(MH "Tonsillectomy")	Search modes - Boolean/Phrase	1,321
S10	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*	Search modes - Boolean/Phrase	1,500
S11	S9 OR S10	Search modes - Boolean/Phrase	1,500
S12	(MH "Tonsil") OR (MH "Tonsillitis")	Search modes - Boolean/Phrase	701
S13	tonsil* or adenotonsil* or adeno tonsil*	Search modes - Boolean/Phrase	2,277
S14	S13 OR S12	Search modes - Boolean/Phrase	2,277
S15	(MH "Surgery, Operative+")	Search modes - Boolean/Phrase	253,516
S16	surg* or operat* or excis* or extract* or remov* or dissect*	Search modes - Boolean/Phrase	316,373
S17	S15 OR S16	Search modes - Boolean/Phrase	417,540
S18	S14 AND S17	Search modes - Boolean/Phrase	1,623
S19	S11 OR S18	Search modes - Boolean/Phrase	1,696
S20	S8 AND S19	Search modes - Boolean/Phrase	162

S21	(MH "Systematic Review") OR (MH "Meta Analysis")	Search modes - Boolean/Phrase	33,143
S22	meta analys* or metaanalys* or systematic review*	Search modes - Boolean/Phrase	48,122
S23	S21 OR S22	Search modes - Boolean/Phrase	48,122
S24	S20 AND S23	Search modes - Boolean/Phrase	6
S25	S8 AND S19	Limiters - Publication Type: Meta Analysis, Meta Synthesis, Systematic Review Search modes - Boolean/Phrase	6
S26	S24 OR S25	Search modes - Boolean/Phrase	7
S27	S24 OR S25	Limiters - Published Date: 20050101-20151231; Language: Danish, English, Norwegian, Swedish Search modes - Boolean/Phrase	3

## Cochrane

ID	Search
#1	MeSH descriptor: [Acetaminophen] explode all trees
#2	MeSH descriptor: [Receptors, Opioid] explode all trees
#3	MeSH descriptor: [Analgesics, Opioid] explode all trees
#4	MeSH descriptor: [Opiate Alkaloids] explode all trees
#5	MeSH descriptor: [Anti-Inflammatory Agents, Non-Steroidal] explode all trees
#6	nsaid
#7	("non steroid*" or nonsteroid*) and (antiinflammatory or "anti inflammatory" or antirheumatic)
#8	opiate* or opioid* or paracetamol* or morphine* or acetaminophen* or tradolan* or mandolgin* or tramadol* or narcotics*
#9	MeSH descriptor: [Pain, Postoperative] explode all trees and with qualifier(s): [Drug therapy - DT]
#10	MeSH descriptor: [Narcotics] explode all trees
#11	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10
#12	MeSH descriptor: [Tonsillectomy] explode all trees

#13	adenotonsillectom* or adeno tonsillectom* or tonsillectom* or tonsillotom*
#14	#12 or #13
#15	MeSH descriptor: [Palatine Tonsil] explode all trees
#16	MeSH descriptor: [Tonsillitis] explode all trees
#17	tonsil* or adenotonsil* or adeno tonsil*
#18	#15 or #16 or #17
#19	MeSH descriptor: [Surgical Procedures, Operative] explode all trees
#20	MeSH descriptor: [General Surgery] explode all trees
#21	surg* or operat* or excis* or extract* or remov* or dissect*
#22	#19 or #20 or #21
#23	#18 and #22
#24	#14 or #23
#25	#11 and #24