

Søgeprotokol for Nationale Kliniske Retningslinjer

Projektitel/aspekt	NKR Ménière - PICOs for søgning på systematisk litteratur
Fagkonsulent /projektleder	Louise Devantier, Århus Universitet / Kristoffer Lande Andersen, SST
Søgespecialist	Birgitte Holm Petersen, SST
Senest opdateret	20. december 2017

Baggrund	<p>PICO 1 Bør personer med Ménières sygdom tilbydes vestibulær rehabilitering?</p> <p>PICO 2 Bør personer med Ménières sygdom tilbydes kognitiv adfærdsterapi i form af Cognitive Behavioural Therapy (CBT)?</p> <p>PICO 3 Bør personer med Ménières sygdom tilbydes behandling med dræn i trommehinden?</p> <p>PICO 4 Bør personer med Ménières sygdom tilbydes behandling med betahistin?</p> <p>PICO 5 Bør personer med Ménières sygdom tilbydes behandling med hydrochortiazid?</p> <p>PICO 6 Bør personer med Ménières sygdom tilbydes behandling med overtryksterapi i tillæg til dræn i trommehinden?</p> <p>PICO 7 Bør personer med Ménières sygdom tilbydes behandling med intratympanisk steroid</p> <p>PICO 8 Bør personer med Ménières sygdom tilbydes behandling med intratympanisk gentamicin?</p> <p>PICO 9 Bør personer med Ménières sygdom tilbydes endolymfatisk sækkirugi?</p>
Søgetermer	Se søgestrategierne under de enkelte PICOs/PIROs
Inklusions- og eksklusionskriterier	<p>Sprog: Engelsk, dansk, norsk og svensk</p> <p>År: Sidste Population:</p> <p>Publikationstyper: Systematiske reviews / primærlitteratur</p>

Informationskilder

DATABASE	INTERFACE	DATO FOR SØGNING
Medline	OVID	7.- 20. december 2017
EMBASE	OVID	7.- 20. december 2017
PSYCINFO	OVID	7.- 20. december 2017

Note

- 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 Covidence (referenceværktøj)
- Fuldtekster præsenteres i Covidence i pdf-format
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer

Søgestrategi

Syst.PICO 1

Medline (071217)

Database(s): Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8572
2	vertigo/ or vertigo*.mp.	17219
3	vestibular*.mp. or vestibular disorder/	43058
4	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	311404
5	rehabilitation*.mp.	168588
6	vestibular rehab*.mp.	605
7	balance*.mp.	293459
8	exercise/ or physiotherapy/ or physiotherap*.mp. or rehabilitation/	136887
9	exercise*.mp. or exercise/	351170
10	8 or 9	386197

11	7 and 10	14785
12	Psychology/ or psychologist*.mp.	705388
13	psychology therap*.mp.	6
14	therapies.mp. or Therapeutics/	277105
15	Cognitive Therapy/ or psychology therapy.mp. or Psychotherapy/	75538
16	5 or 6 or 11 or 12 or 13 or 14 or 15	1182210
17	1 or 2 or 3	58205
18	16 and 17	2904
19	4 and 18	100

Embase (071217)

Database(s): **Embase** 1996 to 2017 Week 49

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	4840
2	vertigo/ or vertigo*.mp.	31796
3	vestibular*.mp. or vestibular disorder/	30286
4	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	355420
5	rehabilitation*.mp.	239212
6	vestibular rehab*.mp.	773
7	balance*.mp.	280209
8	exercise/ or physiotherapy/ or physiotherap*.mp. or rehabilitation/	296744
9	exercise*.mp. or exercise/	345089
10	8 or 9	446833
11	7 and 10	19274
12	Psychology/ or psychologist*.mp.	644535
13	psychology therap*.mp.	33
14	therapies.mp. or Therapeutics/	651840
15	Cognitive Therapy/ or psychology therapy.mp. or Psychotherapy/	89135
16	5 or 6 or 11 or 12 or 13 or 14 or 15	1543926
17	1 or 2 or 3	57725
18	16 and 17	5547

19	4 and 18	263
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Psycinfo (071217)

Database(s): **PsycINFO** 1806 to November Week 2 2017

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	366
2	vertigo/ or vertigo*.mp.	1884
3	vestibular*.mp. or vestibular disorder/	6587
4	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	58442
5	rehabilitation*.mp.	83929
6	vestibular rehab*.mp.	111
7	balance*.mp.	55400
8	exercise/ or physiotherapy/ or physiotherap*.mp. or rehabilitation/	41037
9	exercise*.mp. or exercise/	64114
10	8 or 9	84079
11	7 and 10	3010
12	Psychology/ or psychologist*.mp.	620989
13	psychology therap*.mp.	98
14	therapies.mp. or Therapeutics/	29980
15	Cognitive Therapy/ or psychology therapy.mp. or Psychotherapy/	61206
16	5 or 6 or 11 or 12 or 13 or 14 or 15	757290
17	1 or 2 or 3	7979
18	16 and 17	678
19	4 and 18	17
20	1 and 4	7
21	19 or 20	20

Syst. PICO 2

Medline (071217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8624
2	vertigo/ or vertigo*.mp.	17436
3	vestibular*.mp. or vestibular disorder/	43559
4	Psychology/ or psychologist*.mp.	713464
5	therapies.mp. or Therapeutics/	283653
6	Cognitive Therapy/ or psychology therapy.mp. or Psychotherapy/	76384
7	cognitive behavioral therapy/ or cognitive behavioral therap*.mp. or cognitive therapy/	26924
8	cognitive therapy/ or CBT.mp. or cognitive behavioral therapy/	27475
9	meditation/ or mindfulness.mp.	2432
10	stress management/ or stress/ or stress reduction*.mp.	2657
11	relaxation training/ or biofeedback/ or biofeedback*.mp.	10603
12	psychological aspect/ or psychotherapy/ or psychotherap*.mp.	88485
13	psychoeducation/ or psychoeducation*.mp.	4286
14	multidisciplinary.mp.	15
15	psychological condition*.mp.	1172
16	(acceptance and commitment therapy).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	702
17	(acceptance and commitment therap*).ti,kw,ab.	603
18	(acceptance and commitment*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1494
19	ACT.mp.	266547
20	(((systematic or method*) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	675574
21	1 or 2 or 3	58875
22	4 or 5 or 6 or 7 or 8 or 10 or 13 or 14 or 15 or 16 or 17 or 18 or 19	1299618

23	21 and 22	1859
24	20 and 23	71

Embase (071217)

Database(s): **Embase** 1974 to 2017 December 06

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9362
2	vertigo/ or vertigo*.mp.	50427
3	vestibular*.mp. or vestibular disorder/	51099
4	Psychology/ or psycholog*.mp.	951738
5	therapies.mp. or Therapeutics/	1565827
6	Cognitive Therapy/ or psychology therapy.mp. or Psychotherapy/	120637
7	cognitive behavioral therapy/ or cognitive behavioral therap*.mp. or cognitive therapy/	48033
8	cognitive therapy/ or CBT.mp. or cognitive behavioral therapy/	50272
9	meditation/ or mindfulness.mp.	5957
10	stress management/ or stress/ or stress reduction*.mp.	132970
11	relaxation training/ or biofeedback/ or biofeedback*.mp.	84921
12	psychological aspect/ or psychotherapy/ or psychotherap*.mp.	568198
13	psychoeducation/ or psychoeducation*.mp.	9199
14	multidisciplinarity.mp.	44
15	psychological condition*.mp.	1609
16	(acceptance and commitment therapy).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	1174
17	(acceptance and commitment therap*).ti,kw,ab.	928
18	(acceptance and commitment*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	1722
19	ACT.mp.	289715
20	(((systematic or method*) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	957602
21	1 or 2 or 3	95887
22	4 or 5 or 6 or 7 or 8 or 10 or 13 or 14 or 15 or 16 or 17 or 18 or 19	2919692

23	21 and 22	12026
24	20 and 23	321

Psycinfo (071217)

Database(s): **PsycINFO** 1806 to November Week 2 2017

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	366
2	vertigo/ or vertigo*.mp.	1884
3	vestibular*.mp. or vestibular disorder/	6587
4	Psychology/ or psycholog*.mp.	620989
5	therapies.mp. or Therapeutics/	29980
6	Cognitive Therapy/ or psychology therapy.mp. or Psychotherapy/	61206
7	cognitive behavioral therapy/ or cognitive behavioral therap*.mp. or cognitive therapy/	23860
8	cognitive therapy/ or CBT.mp. or cognitive behavioral therapy/	22783
9	meditation/ or mindfulness.mp.	4042
10	stress management/ or stress/ or stress reduction*.mp.	58328
11	relaxation training/ or biofeedback/ or biofeedback*.mp.	6253
12	psychological aspect/ or psychotherapy/ or psychotherap*.mp.	173488
13	psychoeducation/ or psychoeducation*.mp.	9313
14	multidisiplinary.mp.	3
15	psychological condition*.mp.	1229
16	(acceptance and commitment therapy).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	1829
17	(acceptance and commitment therap*).ti,kw,ab.	1472
18	(acceptance and commitment*).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures]	2732
19	ACT.mp.	66542
20	(((systematic or method*) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	147432
21	1 or 2 or 3	7979
22	4 or 5 or 6 or 7 or 8 or 10 or 13 or 14 or 15 or 16 or 17 or 18 or 19	801597

23	21 and 22	515
24	20 and 23	20

Syst.PICO 3

Medline (081217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8624
2	Hearing Disorders/ or hearing disorder*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	16143
3	vertigo/ or vertigo*.mp.	17436
4	vestibular*.mp. or vestibular disorder/	43563
5	1 or 2 or 3 or 4	73504
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	317470
7	middle ear ventilation/ or tympanostomy tube/ or tympanostomy.mp.	3203
8	grommet*.mp.	599
9	ventilation tube*.mp.	1184
10	(ventilat* or tubulat* or tympanostom*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	181728
11	(tubulat* or tympanostom*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	2086
12	(myringotomy tube or myringotomy or myringotom*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1578
13	7 or 8 or 9 or 10 or 11 or 12	182694
14	5 and 13	457
15	6 and 14	9

Embase (081217)

Database(s): **Embase** 1974 to 2017 December 07
Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9362
2	Hearing Disorders/ or hearing disorder*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	11334
3	vertigo/ or vertigo*.mp.	50428
4	vestibular*.mp. or vestibular disorder/	51100
5	1 or 2 or 3 or 4	106039
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	364401
7	middle ear ventilation/ or tympanostomy tube/ or tympanostomy.mp.	3590
8	grommet*.mp.	729
9	ventilation tube*.mp.	1303
10	(ventilat* or tubulat* or tympanostom*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	283185
11	(tubulat* or tympanostom*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	3884
12	(myringotomy tube or myringotomy or myringotom*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	3792
13	7 or 8 or 9 or 10 or 11 or 12	285979
14	5 and 13	863
15	6 and 14	23

Syst.PICO 4

Medline (191217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present
Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8630

2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	30325
3	vertigo/ or vertigo*.mp.	17450
4	vestibular*.mp. or vestibular disorder/	43573
5	1 or 2 or 3 or 4	86401
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	317542
7	betahistine*.mp.	547
8	5 and 6 and 7	21

Embase (191217)

Database(s): **Embase** 1974 to 2017 December 18

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9365
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	80955
3	vertigo/ or vertigo*.mp.	50465
4	vestibular*.mp. or vestibular disorder/	51149
5	1 or 2 or 3 or 4	168889
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	365754
7	betahistine*.mp.	1325
8	5 and 6 and 7	28

Syst.PICO 5

Medline (191217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8630
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	30325

3	vertigo/ or vertigo*.mp.	17450
4	vestibular*.mp. or vestibular disorder/	43573
5	1 or 2 or 3 or 4	86401
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	317542
7	diuretic*.mp.	55824
8	thiazide*.mp.	5969
9	hydrochlorothiazide/ or hydrochlorotiazide*.mp.	7057
10	7 or 8 or 9	61301
11	5 and 6 and 10	13

Embase (191217)

Database(s): **Embase** 1974 to 2017 December 18
Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9365
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	80955
3	vertigo/ or vertigo*.mp.	50465
4	vestibular*.mp. or vestibular disorder/	51149
5	1 or 2 or 3 or 4	168889
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	365754
7	diuretic*.mp.	115596
8	thiazide*.mp.	19390
9	hydrochlorothiazide/ or hydrochlorotiazide*.mp.	25149
10	7 or 8 or 9	132035
11	5 and 6 and 10	77

Syst.PICO 6

Medline (191217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present
Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8630
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	30325
3	vertigo/ or vertigo*.mp.	17450
4	vestibular*.mp. or vestibular disorder/	43573
5	1 or 2 or 3 or 4	86401
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	317542
7	middle ear ventilation/ or tympanostomy tube/ or tympanostomy.mp.	3199
8	grommet*.mp.	598
9	myringotomy tube/ or myringotomy/ or myringotomy.mp.	1480
10	ventilation tube*.mp.	1179
11	meniett*.mp.	44
12	meniett device*.mp.	24
13	positive pressure*.mp.	24777
14	micro pressure*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	64
15	pressure therap*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1649
16	pressure therap*.mp.	1649
17	mini Q.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	4
18	7 or 8 or 9 or 10	4645
19	11 or 12 or 13 or 14 or 15 or 16 or 17	26276
20	device*.mp.	417862
21	equipment*.mp.	314258
22	19 or 20 or 21	692297
23	5 and 22	2508
24	6 and 23	54
25	5 and 6 and 18	20

26	24 or 25	70
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EMBASE(191217)

Database(s): **Embase** 1974 to 2017 December 18

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9365
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	80955
3	vertigo/ or vertigo*.mp.	50465
4	vestibular*.mp. or vestibular disorder/	51149
5	1 or 2 or 3 or 4	168889
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	365754
7	middle ear ventilation/ or tympanostomy tube/ or tympanostomy.mp.	3599
8	grommet*.mp.	731
9	myringotomy tube/ or myringotomy/ or myringotomy.mp.	3735
10	ventilation tube*.mp.	1304
11	meniett*.mp.	66
12	meniett device*.mp.	38
13	positive pressure*.mp.	13683
14	micro pressure*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	79
15	pressure therap*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	2280
16	pressure therap*.mp.	2280
17	mini Q.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word]	4
18	7 or 8 or 9 or 10	7134
19	11 or 12 or 13 or 14 or 15 or 16 or 17	15948
20	device*.mp.	618481
21	equipment*.mp.	345309
22	19 or 20 or 21	910350
23	5 and 22	6166

24	6 and 23	127
25	5 and 6 and 18	33
26	24 or 25	154

Syst.PICO 7

Medline (191217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8630
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	30325
3	vertigo/ or vertigo*.mp.	17450
4	vestibular*.mp. or vestibular disorder/	43573
5	1 or 2 or 3 or 4	86401
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	317542
7	corticosteroids.mp. or corticosteroid/	66331
8	5 and 7	281
9	6 and 8	25

Embase (191217)

Database(s): **Embase** 1974 to 2017 December 18

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9365
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	80955
3	vertigo/ or vertigo*.mp.	50465
4	vestibular*.mp. or vestibular disorder/	51149
5	1 or 2 or 3 or 4	168889
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or	365754

	metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	
7	corticosteroids.mp. or corticosteroid/	250417
8	5 and 7	2399
9	6 and 8	118

Syst.PICO 8

Medline(191217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R)** 1946 to Present

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8630
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	30325
3	vertigo/ or vertigo*.mp.	17450
4	vestibular*.mp. or vestibular disorder/	43573
5	1 or 2 or 3 or 4	86401
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	317542
7	intratympanic*.mp.	1302
8	gentamicin/ or intratympanic drug administration/	18892
9	intratympanic gentamicin*.mp.	240
10	endolymphatic sac surgery.mp.	163
11	endolymphatic sac/ or endolymphatic sac*.mp.	1947
12	gentamicin/ or gentamicin*.mp.	31026
13	7 or 8 or 9 or 10 or 11 or 12	33862
14	5 and 6 and 13	47

Embase (191217)

Database(s): **Embase** 1974 to 2017 December 19

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9365
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	80971

3	vertigo/ or vertigo*.mp.	50468
4	vestibular*.mp. or vestibular disorder/	51155
5	1 or 2 or 3 or 4	168913
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	365969
7	intratympanic*.mp.	1807
8	gentamicin/ or intratympanic drug administration/	98415
9	intratympanic gentamicin*.mp.	254
10	endolymphatic sac surgery.mp.	182
11	endolymphatic sac/ or endolymphatic sac*.mp.	2051
12	gentamicin/ or gentamicin*.mp.	102451
13	7 or 8 or 9 or 10 or 11 or 12	105671
14	5 and 6 and 13	98

Syst.PICO 9

Medline (191217)

Database(s): **Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present**

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	8630
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	30327
3	vertigo/ or vertigo*.mp.	17452
4	vestibular*.mp. or vestibular disorder/	43582
5	1 or 2 or 3 or 4	86412
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	317911
7	endolymphatic sac/ or endolymphatic sac surger*.mp.	1405
8	occlusion/ or occulusion*.mp.	74
9	labyrinthectomy/	0
10	labyrinthectom*.mp.	1068
11	labyrinthectomy/ or ear surgery/	0
12	semicircular canal/ or semicircular canal*.mp.	6801

13	semicircular*.mp.	8490
14	7 or 8 or 9 or 10 or 11 or 12 or 13	10835
15	5 and 14	6073
16	6 and 15	59

Embase (191217)

Database(s): **Embase** 1974 to 2017 December 19

Search Strategy:

#	Searches	Results
1	Meniere disease/ or meniere*.mp.	9365
2	hearing disorder/ or Hearing Loss/ or Hearing Disorders/ or hearing disorder*.mp. or hearing impairment/	80971
3	vertigo/ or vertigo*.mp.	50468
4	vestibular*.mp. or vestibular disorder/	51155
5	1 or 2 or 3 or 4	168913
6	((systematic adj3 (review* or overview* or study or studies or search*)) or meta analy* or meta-analy* or metaanaly* or pubmed or medline or embase or cochrane).ti,ab,kw.	365969
7	endolymphatic sac/ or endolymphatic sac surger*.mp.	1553
8	occlusion/ or occulusion*.mp.	24416
9	labyrinthectomy/	1129
10	labyrinthectom*.mp.	1505
11	labyrinthectomy/ or ear surgery/	4661
12	semicircular canal/ or semicircular canal*.mp.	6914
13	semicircular*.mp.	8598
14	7 or 8 or 9 or 10 or 11 or 12 or 13	38990
15	5 and 14	8077
16	6 and 15	84