



Søgeprotokol for nationale kliniske retningslinjer

Projekttitle/aspekt	NKR behandling af patienter med lumbal spinalstenose – Søgning efter sekundærlitteratur
Fagkonsulent /projektleder	Rikke Rousing / Maria Herlev Ahrenfeldt
Søgespecialist	Kirsten Birkefoss
Senest opdateret	13.12.2016

Fokuserede spørgsmål	<p>PICO 1: Bør patienter med lumbal spinalstenose have tilbudt aktiv behandling i form af superviseret træning fremfor vanlig behandling?</p> <p>PICO 2: Bør patienter med lumbal spinalstenose have tilbudt ledmobiliserende behandling frem for vanlig behandling?</p> <p>PICO 3: Bør patienter med lumbal spinalstenose have tilbudt paracetamol frem for ingen smertestillende behandling?</p> <p>PICO 4: Bør patienter med lumbal spinalstenose have tilbudt non steroid antiinflammatorisk medicin (NSAID) frem for ingen smertestillende behandling?</p> <p>PICO 5: Bør patienter med lumbal spinalstenose have tilbudt smertestillende medicin i form af opioider i tillæg til eventuel behandling med svage smertestillende?</p> <p>PICO 6: Bør patienter med lumbal spinalstenose have tilbudt muskelrelaxantia i tillæg til eventuel behandling med svage smertestillende?</p> <p>PICO 7: Bør patienter med lumbaspinalstenose have tilbudt medicin for neuropatiske smerter?</p> <p>PICO 8: Bør patienter med lumbal spinalstenose have tilbudt kirurgisk dekompression i tilfælde af manglende effekt af ikke kirurgisk behandling?</p> <p>PICO 9: Bør patienter med lumbal spinalstenose have tilbudt stivgørende operation med eller uden instrumentering i tillæg til dekompression?</p> <p>PICO 10: Bør patienter opereret for lumbal spinalstenose tilbydes superviseret træning efter operationen fremfor ingen supervision?</p>
Søgetermer	Se søgestrategierne under de enkelte PICOs/PIROs
Inklusions- og eksklusionskriterier	<p>Sprog: Engelsk, tysk, dansk, norsk og svensk</p> <p>År: Sidste 10 år (2006 - 2016)</p> <p>Population: Ældre 65+</p> <p>Publikationstyper: Systematiske oversigtsartikler, metaanalyser</p>

Informationskilder

DATABASE	INTERFACE	DATO FOR SØGNING
Medline	OVID	22.11 - 07.12.2016
EMBASE	OVID	22.11 - 07.12.2016
PsycINFO (Pico 1 og 10)	Ovid	07.12.2016
The Cochrane library	Internettet	22.11 - 07.12.2016
CINAHL	EBSCO	22.11 - 07.12.2016
Pedro	Internettet	22.11 - 07.12.2016

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

Systematiske reviews og metaanalyser

PICO 1: Bør patienter med lumbal spinalstenose have tilbudt aktiv behandling i form af superviseret træning fremfor vanlig behandling?

PICO 10. Bør patienter opereret for lumbal spinalstenose tilbydes superviseret træning efter operationen fremfor ingen supervision?

Samsøgt 07.12.2016

Medline

Database(s): **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	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	18792
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1269
3	(spondylos* or spondylolisthesis).ti,ab,kw.	7241
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	35160
8	exp Motor Activity/	258884
9	exp exercise/	160980
10	exp exercise therapy/	41867
11	exp Mind-Body Therapies/	47832
12	exp Rehabilitation/	185209
13	exp "Activities of Daily Living"/	63732
14	exp health behavior/	160062
15	exp Life style/	82011
16	exp Leisure activities/	211381
17	exp Physical Exertion/	56883
18	exp Animal Assisted Therapy/	323
19	exp Exercise Movement Techniques/	6866
20	exp "Physical Education and Training"/	15993



21 exp Patient Education as Topic/	82063
22 Weight-Bearing/	18651
23 (exercis* or train*).ti,ab,kw.	648912
24 ((muscl* or resistance or physical or endurance or strengthen* or aquatic* or balance or circuit-based or stabil* or gait or postur* or maneu* or position* or reposition* or carriage or home or residential or residenc*) adj3 (train* or exercis* or therap* or strength* or fit* or condition* or technique* or program*)).ti,ab,kw.	257182
25 (aerobic* or anaerobic* or movement therapy or waterygym* or water gym* or aquagym or gym* or hydrotherap* or pilates or spinning or yoga or mckenzie or feldenkrais).ti,ab,kw.	147393
26 (Jog* or run* or powerwalk* or tai chi or tai ji or taichi or taiji or taijiquan or qigong or core stability or zumba or Swim* or treadmill* or Bicycl* or cycling or walk* or skating or rowing or pacing or paced or titrated or soccer or football or handball or cricket or hockey or baseball or basketball or volleyball or ball game* or gardening or cleaning or (play* adj2 ball) or (weight* adj3 (lift* or train* or exercis*))).ti,ab,kw.	460312
27 ((home* or residential or residenc* or domestic or hous* or leisure or recreation* or social or day-to-day or day to day or daily or ordinary or normal or physical or usual or personal or gradual or graded or early or earlier or stimulat* or strength* or support* or assist* or adapt* or modif* or chang* or improv* or increas*) adj3 (activ* or function* or routine* or life style or lifestyle or work* or job*4)).ti,ab,kw.	1093994
28 (adl or (activ* adj3 (living or live*1 or life))).ti,ab,kw.	67633
29 (((lifestyle* or life style*) adj3 chang*) or ((stay* or remain* or keep* or get on with or go on with or continu* or restor* or recover*) adj3 (activ* or mobile or moving or life or live*1 or living or life style or lifestyle or routine* or function* or work* or job*4)) or return to work or sick leave).ti,ab,kw.	209969
30 or/8-29	2920845
31 (supervis* or treat* or therap* or physiotherapy or educat* or back school* or counsel* or help or selfhelp or self-help* or selfmanag* or self-manag* or activat* or activit* or technique* or strateg* or lesson* or advice or advise or teach* or learn* or instruct* or interven* or recommend* or protocol* or guid* or adl or "Activities of Daily Living" or rehabilitation or program* or plan*1 or rollator* or effect*).ti,ab,kw.	14229274
32 7 and 30 and 31	4313
33 limit 32 to (systematic reviews or meta analysis)	203
34 ((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	215969
35 (((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	169729
36 (pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	152533
37 or/34-36	404934
38 32 and 37	226
39 33 or 38	269
40 limit 39 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	214

Embase

Database(s): **Embase** 1974 to 2016 December 06

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal	24932



or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	
2 (degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1750
3 (spondylos* or spondylolisthesis).ti,ab,kw.	9221
4 exp Spinal Cord Compression/	14315
5 exp lumbar spinal stenosis/	1427
6 exp spinal stenosis/	9843
7 exp vertebral canal stenosis/	9843
8 exp spondylosis/	7354
9 spondylolisthesis/	7170
10 or/1-9	47972
11 exp daily life activity/ or exp fishing/ or exp gardening/ or exp recreation/	138228
12 exp exercise/	304779
13 exp sport/	143725
14 exp kinesiotherapy/ or qigong/	65322
15 exp Rehabilitation/	358019
16 exp physical activity/	355916
17 exp physical capacity/	36145
18 exp Lifestyle/ or exp lifestyle modification/	132726
19 exp training/	84389
20 exp physical performance/	80776
21 exp Animal Assisted Therapy/	677
22 exp Exercise Movement Techniques/	65125
23 exp "Physical Education and Training"/	11740
24 exp Patient Education/	99669
25 Weight-Bearing/	25747
26 (exercis* or train*).ti,ab,kw.	777671
27 ((muscl* or resistance or physical or endurance or strengthen* or aquatic* or balance or circuit-based or stabil* or gait or postur* or maneuv* or position* or reposition* or carriage or home or residential or residenc*) adj3 (train* or exercis* or therap* or strength* or fit* or condition* or technique* or program*)).ti,ab,kw.	308475
28 (aerobic* or anaerobic* or movement therapy or watergym* or water gym* or aquagym or gym* or hydrotherap* or pilates or spinning or yoga or mckenzie or feldenkrais).ti,ab,kw.	166338
29 (Jog* or run* or powerwalk* or tai chi or tai ji or taichi or taiji or taijiquan or qigong or core stability or zumba or Swim* or treadmill* or Bicycl* or cycling or walk* or skating or rowing or pacing or paced or titreted or soccer or football or handball or cricket or hockey or baseball or basketball or volleyball or ball game* or gardening or cleaning or (play* adj2 ball) or (weight* adj3 (lift* or train* or exercis*))).ti,ab,kw.	545693
30 ((home* or residential or residenc* or domestic or hous* or leisure or recreation* or social or day-to-day or day to day or daily or ordinary or normal or physical or usual or personal or gradual or graded or early or earlier or stimulat* or strength* or support* or assist* or adapt* or modif* or chang* or improv* or increas*) adj3 (activ* or function* or routine* or life style or lifestyle or work* or job*4)).ti,ab,kw.	1269743
31 (adl or (activ* adj3 (living or live*1 or life))).ti,ab,kw.	83124
32 (((lifestyle* or life style*) adj3 chang*) or ((stay* or remain* or keep* or get on with or go on with or continu* or restor* or recover*) adj3 (activ* or mobile or moving or life or live*1 or living or life style or lifestyle or routine* or function* or work* or job*4)) or return to work or sick leave).ti,ab,kw.	245422



33 or/11-32	3458087
34 exp clinical supervision/	2038
35 (supervis* or treat* or therap* or physiotherapy or educat* or back school* or counsel* or help or selfhelp or self-help* or selfmanag* or self-manag* or activat* or activit* or technique* or strateg* or lesson* or advice or advise or teach* or learn* or instruct* or interven* or recommend* or protocol* or guid* or adl or "Activities of Daily Living" or rehabilitation or program* or plan*1 or rollator* or effect*).ti,ab,kw.	16154785
36 or/34-35	16155011
37 10 and 33 and 36	7415
38 limit 37 to (systematic reviews or meta analysis) [Limit not valid in Embase; records were retained]	100
39 ((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	250880
40 (((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	206236
41 (pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	173543
42 or/39-41	477235
43 37 and 42	399
44 38 or 43	405
45 limit 44 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	337

PsycINFO

Database(s): **PsycINFO** 1806 to November Week 4 2016

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	461
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	21
3	(spondylos* or spondylolisthesis).ti,ab,kw.	78
4	or/1-3	538
5	exp physical activity/	32063
6	exp exercise/	21730
7	exp Mind-Body Therapy/	124
8	exp Rehabilitation/	66651
9	exp "Activities of Daily Living"/	5114
10	exp health behavior/	23315
11	exp Lifestyle/	9983
12	exp Daily activities/	3304
13	exp Physical Fitness/	3717
14	exp Animal Assisted Therapy/	702
15	exp movement therapy/	933
16	exp Client education/	3437



17 exp ability level/ or exp activity level/ or exp assisted living/ or exp daily activities/ or exp physical mobility/ or exp rehabilitation/ or exp self-care skills/	88307
18 exp sports/ or exp recreation/ or exp rehabilitation/ or exp Alternative Medicine/	115629
19 (exercis* or train*).ti,ab,kw.	316580
20 ((muscl* or resistance or physical or endurance or strengthen* or aquatic* or balance or circuit-based or stabil* or gait or postur* or maneu* or position* or reposition* or carriage or home or residential or residenc*) adj3 (train* or exercis* or therap* or strength* or fit* or condition* or technique* or program*)).ti,ab,kw.	65171
21 (aerobic* or anaerobic* or movement therapy or waterygym* or water gym* or aquagym or gym* or hydrotherap* or pilates or spinning or yoga or mckenzie or feldenkrais).ti,ab,kw.	9582
22 (Jog* or run* or powerwalk* or tai chi or tai ji or taichi or taiji or taijiquan or qigong or core stability or zumba or Swim* or treadmill* or Bicycl* or cycling or walk* or skating or rowing or pacing or paced or titreted or soccer or football or handball or cricket or hockey or baseball or basketball or volleyball or ball game* or gardening or cleaning or (play* adj2 ball) or (weight* adj3 (lift* or train* or exercis*))).ti,ab,kw.	92022
23 ((home* or residential or residenc* or domestic or hous* or leisure or recreation* or social or day-to-day or day to day or daily or ordinary or normal or physical or usual or personal or gradual or graded or early or earlier or stimulat* or strength* or support* or assist* or adapt* or modif* or chang* or improv* or increas*) adj3 (activ* or function* or routine* or life style or lifestyle or work* or job*4)).ti,ab,kw.	282795
24 (adl or (activ* adj3 (living or live*1 or life))).ti,ab,kw.	14104
25 (((lifestyle* or life style*) adj3 chang*) or ((stay* or remain* or keep* or get on with or go on with or continu* or restor* or recover*) adj3 (activ* or mobile or moving or life or live*1 or living or life style or lifestyle or routine* or function* or work* or job*4)) or return to work or sick leave).ti,ab,kw.	36121
26 or/5-25	807939
27 (supervis* or treat* or therap* or physiotherapy or psychoeducat* or educat* or back school* or counsel* or help or selfhelp or self-help* or selfmanag* or self-manag* or activat* or activit* or technique* or strateg* or lesson* or advice or advise or teach* or learn* or instruct* or interven* or recommend* or protocol* or guid* or adl or "Activities of Daily Living" or rehabilitation or program* or plan*1 or rollator* or effect*).ti,ab,kw.	2775634
28 4 and 26 and 27	120
29 limit 28 to (systematic reviews or meta analysis)	3
30 ((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	47050
31 (((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	39743
32 (pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	3953044
33 or/30-32	3953298
34 28 and 33	120
35 29 or 34	120
36 limit 35 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	95

Cochrane Library

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)):ti,ab,kw	1305
#2	(degenerative near/2 (spinal or lumbar) near/2 (disorder* or disease*)):ti,ab,kw	144



#3	(spondylos* or spondylolisthesis):ti,ab,kw	711	
#4	MeSH descriptor: [Spinal Stenosis] explode all trees		255
#5	MeSH descriptor: [Spondylosis] explode all trees		257
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees		113
#7	#1 or #2 or #3 or #4 or #5 or #6	1974	
#8	MeSH descriptor: [Motor Activity] explode all trees		20571
#9	MeSH descriptor: [Exercise] explode all trees	17602	
#10	MeSH descriptor: [Exercise Therapy] explode all trees		9646
#11	MeSH descriptor: [Complementary Therapies] explode all trees		17244
#12	MeSH descriptor: [Rehabilitation] explode all trees		19416
#13	MeSH descriptor: [Activities of Daily Living] explode all trees		4562
#14	MeSH descriptor: [Health Behavior] explode all trees		18412
#15	MeSH descriptor: [Life Style] explode all trees	3790	
#16	MeSH descriptor: [Leisure Activities] explode all trees		14464
#17	MeSH descriptor: [Physical Exertion] explode all trees		3561
#18	MeSH descriptor: [Animal Assisted Therapy] explode all trees	41	
#19	MeSH descriptor: [Exercise Movement Techniques] explode all trees		1620
#20	MeSH descriptor: [Physical Education and Training] explode all trees		1532
#21	MeSH descriptor: [Holistic Health] explode all trees	83	
#22	MeSH descriptor: [Patient Education as Topic] explode all trees	7775	
#23	MeSH descriptor: [Weight-Bearing] explode all trees	845	
#24	(exercis* or train*):ti,ab,kw	84669	
#25	((muscl* or resistance or physical or endurance or strengthen* or aquatic* or balance or circuit-based or stabil* or gait or postur* or manouv* or position* or reposition* or carriage or home or residential or residenc*) near/3 (train* or exercis* or therap* or strength* or fit* or condition* or technique* or program*)):ti,ab,kw	42099	
#26	(aerobic* or anaerobic* or movement therapy or watergym* or water gym* or aquagym or gym* or hydrotherap* or pilates or spinning or yoga or mckenzie or feldenkrais):ti,ab,kw		15269
#27	(Jog* or run* or powerwalk* or tai chi or tai ji or taichi or taiji or taijiquan or qigong or core stability or zumba or Swim* or treadmill* or Bicycl* or cycling or walk* or skating or rowing or pacing or paced or titreted or soccer or football or handball or cricket or hockey or baseball or basketball or volleyball or ball game* or gardening or cleaning or (play* near/2 ball) or (weight* near/3 (lift* or train* or exercis*)):ti,ab,kw	40749	
#28	((home* or residential or residenc* or domestic or hous* or leisure or recreation* or social or day-to-day or day to day or daily or ordinary or normal or physical or usual or personal or gradual or graded or early or earlier or stimulat* or strength* or support* or assist* or adapt* or modif* or chang* or improv* or increas*) near/3 (activ* or function* or routine* or life style or lifestyle or work* or job*)):ti,ab,kw	75201	
#29	(adl or (activ* near/3 (living or live* or life))):ti,ab,kw	9623	
#30	((lifestyle* or life style*) near/3 chang*) or ((stay* or remain* or keep* or continu* or restor* or recover*) near/3 (activ* or mobile or moving or life or live* or living or life style or lifestyle or routine* or function* or work* or job*)) or "return to work" or sick leave):ti,ab,kw	15271	
#31	#8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30	211304	
#32	(supervis* or treat* or therap* or physiotherapy or educat* or back school* or counsel* or help or selfhelp or self-help* or selfmanag* or self-manag* or activat* or activit* or technique* or strateg* or lesson* or advice or advise or teach* or learn* or instruct* or interven* or recommend* or protocol* or guid* or adl or "Activities of Daily Living" or rehabilitation or program* or plan* or rollator* or effect*):ti,ab,kw	862415	
#33	#7 and #31 and #32 Publication Year from 2006 to 2016, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	34	



Cinahl

#	Query	Limiters/Expanders	Results
S30	S6 AND S11 AND S28 AND S29	Limiters - Published Date: 20060101-20161231; Language: Danish, English, German, Norwegian, Swedish	284
S29	(supervis* or treat* or therap* or physiotherapy or educat* or "back school" or "back schools" or counsel* or help or selfhelp or self-help* or selfmanag* or self-manag* or activat* or activit* or technique* or strateg* or lesson* or advice or advise or teach* or learn* or instruct* or interven* or recommend* or protocol* or guid* or adl or "Activities of Daily Living" or rehabilitation or program* or plan* or rollator* or effect*)		2,055,039
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		945,920
S27	TX (((lifestyle* or life style*) N3 chang*) or ((stay* or remain* or keep* or continu* or restor* or recover*) N3 (activ* or mobile or moving or life or live* or living or life style or lifestyle or routine* or function* or work* or job*)) or return to work or sick leave)		44,047
S26	TX (adl or (activ* N3 (living or live* or life)))		29,259
S25	TX ((home* or residential or residenc* or domestic or hous* or leisure or recreation* or social or day-to-day or day to day or daily or ordinary or normal or physical or usual or personal or gradual or graded or early or earlier or stimulat* or strength* or support* or assist* or adapt* or modif* or chang* or improv* or increas*) N3 (activ* or function* or routine* or life style or lifestyle or work* or job*))		258,101
S24	TX (Jog* or run* or powerwalk* or tai chi or tai ji or taichi or taiji or taijiquan or qigong or core stability or zumba or Swim* or treadmill* or Bicycl* or cycling or walk* or skating or rowing or pacing or paced or titreted or soccer or football or handball or cricket or hockey or baseball or basketball or volleyball or ball game* or gardening or cleaning or (play* N2 ball) or (weight* N3 (lift* or train* or exercis*)))		119,218
S23	TX (aerobic* or anaerobic* or movement therapy or watergym* or water gym* or aquagym or gym* or hydrotherap* or pilates or spinning or yoga or mckenzie or feldenkrais)		22,587
S22	TX ((muscl* or resistance or physical or endurance or strengthen* or aquatic* or balance or circuit-based or stabil* or gait or postur* or maneuv* or position* or reposition* or carriage or home or residential or residenc*) N3 (train* or exercis* or therap* or		192,384

	strength* or fit* or condition* or technique* or program*))		
S21	TX (exercis* or train*)		231,029
S20	(MH "Patient Education+")		51,030
S19	(MH "Animal Assisted Therapy (Iowa NIC)") OR (MH "Activity Therapy (Iowa NIC)")		2
S18	(MH "Leisure Activities+") OR (MH "Physical Fitness+") OR (MH "Physical Performance") OR (MH "Sports+")		83,031
S17	(MH "Life Style+")		118,113
S16	(MH "Alternative Therapies+")		119,263
S15	(MH "Rehabilitation+")		162,238
S14	(MH "human activities+")		206,679
S13	(MH "Exercise+")		58,494
S12	(MH "Coping+")		22,462
S11	S7 OR S8 OR S9 OR S10		143,286
S10	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,274
S9	TX ((extract* or pool*) N1 (data or analys*))		14,879
S8	TX (((systematic or method*) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		133,295
S7	PT (Systematic Review or Meta Analysis)		40,961
S6	S1 OR S2 OR S3 OR S4 OR S5		4,511
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis)		1,130
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,043
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,413



SUNDHEDSSTYRELSEN

Pedro

PROBLEM: Stenosis

METHOD: Systematic reviews

PUBLISHED SINCE: 2006

21 fund

PICO 2: Bør patienter med lumbal spinalstenose have tilbudt ledmobiliserende behandling frem for vanlig behandling?

Søgt 22.12.2016

Medline

Database(s): 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	Annotations
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	18761	
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1269	
3	(spondylos* or spondylolisthesis).ti,ab,kw.	7241	
4	exp Spinal Cord Compression/	10657	
5	exp spinal stenosis/	5189	
6	exp spondylosis/	6459	
7	or/1-6	34337	
8	exp Musculoskeletal manipulations/ or Manipulation, Orthopedic/	15189	
9	(manipulat* or mobili#* or manual therap* or massag* or mobili#ation or reflexo* or adjustment* or cyriax or High velocity or low amplitude or Subluxation or Joint dysfunction or hypomobility or muscle energy technique* or craniosacral therap* or cranio-sacral therap* or therapeutic touch or massotherapy or stretch*).ti,ab,kw,kf.	625944	
10	(flexion or (vibration adj5 (therap* or treatment*))).ti,ab,kw.	45504	
11	(physiotherapy or physical therapy or osteopath* or chiropract*).ti,ab,kw.	40104	
12	or/8-11	703671	
13	7 and 12	3035	
14	limit 13 to (systematic reviews or meta analysis)	97	
15	((systematic adj3 (review* or overview* or study or studies or search* or approach*) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	214869	
16	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	169073	
17	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	151625	
18	or/15-17	403044	
19	13 and 18	110	
20	14 or 19	138	
21	limit 20 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	102	

Embase

Database(s): **Embase** 1974 to 2016 November 23

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	24827
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease* or spondylolisthesis)).ti,ab,kw.	2049
3	(spondylos* or spondylolisthesis).ti,ab,kw.	7063
4	exp vertebral canal stenosis/	9787
5	exp Spinal Cord Compression/	14264
6	exp spinal stenosis/	9787
7	exp spondylosis/	7335
8	or/1-7	42870
9	exp Manipulative medicine/ or exp joint mobilization/	32788
10	(manipulat* or mobili#* or manual therap* or massag* or mobili#ation or reflexo* or adjustment* or cyriax or High velocity or low amplitude or Subluxation or Joint dysfunction or hypomobility or muscle energy technique* or craniosacral therap* or cranio-sacral therap* or therapeutic touch or massotherapy or stretch*).ti,ab,kw,kf.	680469
11	(flexion or (vibration adj5 (therap* or treatment*))).ti,ab,kw.	51277
12	(physiotherapy or physical therapy or osteopath* or chiropract*).ti,ab,kw.	56033
13	or/9-12	780827
14	8 and 13	4044
15	limit 14 to (systematic review or meta analysis)	82
16	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	249458
17	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	205291
18	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	172669
19	or/16-18	474947
20	14 and 19	166
21	15 or 20	172
22	limit 21 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	138

Cochrane Library

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)):ti,ab,kw	1276
#2	((degenerative near/2 (spinal or lumbar)) and (disorder* or disease* or spondylolisthesis)):ti,ab,kw	245



#3	spondylos*:ti,ab,kw	350	
#4	MeSH descriptor: [Spinal Stenosis] explode all trees		255
#5	MeSH descriptor: [Spondylosis] explode all trees		256
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees		113
#7	#1 or #2 or #3 or #4 or #5 or #6	1861	
#8	MeSH descriptor: [Musculoskeletal Manipulations] explode all trees		2381
#9	(manipulat* or mobili* or manual therap* or massag* or reflexo* or adjustment* or cyriax or High velocity or low amplitude or Subluxation or Joint dysfunction or hypomobility or muscle energy technique* or craniosacral therap* or cranio-sacral therap* or therapeutic touch or massotherapy or stretch*):ti,ab,kw	39226	
#10	(flexion or (vibration near/5 (therap* or treatment*))) :ti,ab,kw	4075	
#11	(physiotherapy or physical therapy or osteopath* or chiropract*):ti,ab,kw		24499
#12	#8 or #9 or #10 or #11	61981	
#13	#7 and #12 Publication Year from 2006 to 2016, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	17	

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101-20161131; Language: Danish, English, German, Norwegian, Swedish	235
S16	S12 OR S13 OR S14 OR S15		143,040
S15	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,125
S14	TX ((extract* or pool*) N1 (data or analys*))		14,772
S13	TX (((systematic or method*) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		133,151
S12	PT (Systematic Review or Meta Analysis)		40,953
S11	S6 AND S10		2,007
S10	S7 OR S8 OR S9		259,452
S9	TX (flexion or (vibration N5 (therap* or treatment*)))		11,341
S8	TX (manipulat* or mobili* or manual therap* or massag* or reflexolog* or adjustment* or cyriax or High velocity or low amplitude or Subluxation or Joint dysfunction or hypomobility or muscle energy technique* or craniosacral therap* or cranio-sacral therap* or therapeutic touch or massotherapy or stretch* or		254,267



	physiotherapy or physical therapy or osteopath* or chiropract*))		
S7	(MH "Manual therapy+")		26,255
S6	S1 OR S2 OR S3 OR S4 OR S5		4,388
S5	(MH "Spondylosis+")		893
S4	TX spondylos*		433
S3	TX (degenerative N2 (spinal or lumbar) N2(disorder* or disease* or spondylolisthesis))		248
S2	(MH "Spinal Stenosis")		1,043
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,405

Pedro

PROBLEM: Stenosis

METHOD: Systematic reviews

PUBLISHED SINCE: 2006

21 fund



PICO 3: Bør patienter med lumbal spinalstenose have tilbudt paracetamol frem for ingen smertestillende behandling?

Søgt 22-23.11.2016

Medline

Database(s): 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	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	15385
2	(degenerative adj2 spinal adj2 (disorder* or disease*)).ti,ab,kw.	471
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	8235
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	34782
8	exp Acetaminophen/	16480
9	(Paracetamol or Acetaminophen).mp.	24899
10	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	9390
11	or/8-10	33606
12	7 and 11	66
13	limit 12 to (systematic reviews or meta analysis)	14
14	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	214353
15	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	168779
16	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	151341
17	or/14-16	402257
18	12 and 17	13
19	13 or 18	16
20	limit 19 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	13

Embase

Database(s): **Embase** 1974 to 2016 November 22

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	24792
2	(degenerative adj2 spinal adj2 (disorder* or disease*)).ti,ab,kw.	622
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15367
4	exp vertebral canal stenosis/	9769
5	exp Spinal Cord Compression/	14256
6	exp lumbar spinal stenosis/	9769
7	exp spondylosis/	7334
8	or/1-6	48158
9	exp Paracetamol/	76213
10	(Paracetamol or Acetaminophen).mp.	80043
11	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	12317
12	or/9-11	90882
13	8 and 12	551
14	limit 13 to (systematic review or meta analysis)	32
15	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	249121
16	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	205096
17	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	172431
18	or/15-17	474410
19	13 and 18	46
20	14 or 19	56
21	limit 20 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	46

Cochrane Library

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)):ti,ab,kw	1276
#2	(degenerative near/2 spinal near/2 (disorder* or disease*)):ti,ab,kw	43
#3	(spondylos* or ((spine or spinal or vertebra*) near/4 pain)):ti,ab,kw	2742
#4	MeSH descriptor: [Spinal Stenosis] explode all trees	255
#5	MeSH descriptor: [Spondylosis] explode all trees	256
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees	113
#7	#1 or #2 or #3 or #4 or #5 or #6	3894
#8	MeSH descriptor: [Acetaminophen] explode all trees	2023
#9	(Paracetamol or Acetaminophen):ti,ab,kw	6105



#10 (over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*):ti,ab,kw
2323

#11 #8 or #9 or #10 8264

#12 #7 and #11 122

#13 #12 Publication Year from 2006 to 2016, in Cochrane Reviews (Reviews and Protocols) and Other
Reviews 4

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16		7
S16	S12 OR S13 OR S14 OR S15		143,144
S15	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,062
S14	TX ((extract* or pool*) N1 (data or analys*))		14,718
S13	TX (((systematic or method*) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		133,312
S12	PT (Systematic Review or Meta Analysis)		40,943
S11	S6 AND S10		18
S10	S7 OR S8 OR S9		8,174
S9	TX (over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*)		4,521
S8	TX (Paracetamol or Acetaminophen)		3,973
S7	(MH "Acetaminophen")		2,872
S6	S1 OR S2 OR S3 OR S4 OR S5		4,280
S5	(MH "Spondylosis+")		893
S4	(spondylos* or ((spine or spinal or vertebra*) N3 pain)).		425
S3	TX (degenerative N2 spinal N2 (disorder* or disease*))		64
S2	(MH "Spinal Stenosis")		1,041
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,395



Pedro

PROBLEM: Stenosis

METHOD: Systematic reviews

PUBLISHED SINCE: 2006

21 fund

PICO 4: Bør patienter med lumbal spinalstenose have tilbudt non steroid antiinflammatorisk medicin (NSAID) frem for ingen smertestillende behandling?

Søgt 23.11.2016

Medline

Database(s): 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	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	18761
2	(degenerative adj2 spinal adj2 (disorder* or disease*)).ti,ab,kw.	471
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	24110
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	48993
8	exp Anti-Inflammatory Agents, Non-Steroidal/	186176
9	(NSAID* or ((antiinflammatory or anti-inflammatory or anti inflammatory or non-steroid* or nonsteroid*) adj3 (drug* or medicine or agent*))).ti,ab,kw.	58927
10	(aceclofenac* or acemetacin* or Acetylsalicylic* or alclofenac* or alminoprofen* or Aspirin* or azapropazone* or Bendazac* or benoxaprofen* or benzydamine* or bufexamac* or bumadizone* or celecoxib* or Clofezone* or dexibuprofen* or dexketoprofen* or diclofenac* or difenpiramide* or droxicam* or etodolac* or Etofenamate* or etoricoxib* or Felbinac* or fenbufen* or fenclofenac* or fenoprofen* or fentiazac* or feprazone* or flufenamic* or flunoxaprofen* or flurbiprofen* or ibuprofen* or ibuproxam* or Indometacin* or indoprofen* or Kebuzone* or ketoprofen* or ketorolac* or lonazolac* or lornoxicam* or lumiracoxib* or meclofenamic* or mefenamic* or meloxicam* or Mofebutazone* or morniflumate* or nabumetone* or naproxen* or Nifenazone* or niflumic* or nimesulide* or orgotein* or oxaceprol* or oxametacin* or oxaprozin* or Oxyphenbutazone* or parecoxib* or Phenazone* or Phenylbutazone* or piroxicam* or pirprofen* or prenazone* or Prinomide* or proglumetacin* or Propyphenazone* or proquazone* or rofecoxib* or Salsalate* or Sulindac* or suprofen* or Suxibuzone* or tenoxicam* or tiaprofenic* or tolfenamic* or Tolmetin* or valdecoxib* or zomepirac* or Clonixin*).ti,ab,dn,kw.	104203
11	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	9395
12	or/8-11	252595
13	7 and 12	1150
14	limit 13 to (systematic reviews or meta analysis)	76
15	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	214869
16	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	169073
17	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	151625
18	or/15-17	403044
19	13 and 18	75

20 14 or 19	96
21 limit 20 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	83

Embase

Database(s): **Embase** 1974 to 2016 November 22

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	24792
2	(degenerative adj2 spinal adj2 (disorder* or disease*)).ti,ab,kw.	622
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15367
4	exp vertebral canal stenosis/	9769
5	exp Spinal Cord Compression/	14256
6	exp spinal stenosis/	9769
7	exp spondylosis/	7334
8	or/1-7	53124
9	exp nonsteroid antiinflammatory agent/ or exp non prescription drug/	530406
10	(NSAID* or ((antiinflammatory or anti-inflammatory or anti inflammatory or non-steroid* or nonsteroid*) adj3 (drug* or medicine or agent*))).ti,ab,kw.	83137
11	(aceclofenac* or acemetacin* or Acetylsalicylic* or alclofenac* or alminoprofen* or Aspirin* or azapropazone* or Bendazac* or benoxaprofen* or benzydamine* or bufexamac* or bumadizone* or celecoxib* or Clofezone* or dexibuprofen* or dexketoprofen* or diclofenac* or difenpiramide* or droxicam* or etodolac* or Etofenamate* or etoricoxib* or Felbinac* or fenbufen* or fenclofenac* or fenoprofen* or fentiazac* or feprazone* or flufenamic* or flunoxaprofen* or flurbiprofen* or ibuprofen* or ibuproxam* or Indometacin* or indoprofen* or Kebuzone* or ketoprofen* or ketorolac* or lonazolac* or lornoxicam* or lumiracoxib* or meclofenamic* or mefenamic* or meloxicam* or Mofebutazone* or morniflumate* or nabumetone* or naproxen* or Nifenazone* or niflumic* or nimesulide* or orgotein* or oxaceprol* or oxametacin* or oxaprozin* or Oxyphenbutazone* or parecoxib* or Phenazone* or Phenylbutazone* or piroxicam* or pirprofen* or prenazone* or Prinomide* or proglumetacin* or Propyphenazone* or proquazone* or rofecoxib* or Salsalate* or Sulindac* or suprofen* or Suxibuzone* or tenoxicam* or tiaprofenic* or tolfenamic* or Tolmetin* or valdecoxib* or zomepirac* or Clonixin*).ti,ab,dn,kw.	141472
12	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	12317
13	or/9-12	562614
14	8 and 13	2184
15	limit 14 to (systematic review or meta analysis)	91
16	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	249121
17	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	205096
18	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	172431
19	or/16-18	474410
20	14 and 19	130
21	15 or 20	161

Cochrane Library

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)):ti,ab,kw	1276
#2	(degenerative near/2 spinal near/2 (disorder* or disease*)):ti,ab,kw	43
#3	(spondylos* or ((spine or spinal or vertebra*) near/4 pain)):ti,ab,kw	2742
#4	MeSH descriptor: [Spinal Stenosis] explode all trees	255
#5	MeSH descriptor: [Spondylosis] explode all trees	256
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees	113
#7	#1 or #2 or #3 or #4 or #5 or #6	3894
#8	MeSH descriptor: [Anti-Inflammatory Agents, Non-Steroidal] explode all trees	7096
#9	(NSAID* or ((antiinflammatory or anti-inflammatory or anti inflammatory or non-steroid* or nonsteroid*) near/3 (drug* or medicine or agent*)):ti,ab,kw	17025
#10	(aceclofenac* or acemetacin* or Acetylsalicylic* or alclofenac* or alminoprofen* or Aspirin* or azapropazone* or Bendazac* or benoxaprofen* or benzydamine* or bufexamac* or bumadizone* or celecoxib* or Clofezone* or dexibuprofen* or dexketoprofen* or diclofenac* or difenpiramide* or droxicam* or etodolac* or Etofenamate* or etoricoxib* or Felbinac* or fenbufen* or fenclofenac* or fenoprofen* or fentiazac* or feprazone* or flufenamic* or flunoxaprofen* or flurbiprofen* or ibuprofen* or ibuproxam* or Indometacin* or indoprofen* or Kebuzone* or ketoprofen* or ketorolac* or lonazolac* or lornoxicam* or lumiracoxib* or meclofenamic* or mefenamic* or meloxicam* or Mofebutazone* or morniflumate* or nabumetone* or naproxen* or Nifenazone* or niflumic* or nimesulide* or orgotein* or oxaceprol* or oxametacin* or oxaprozin* or Oxyphenbutazone* or parecoxib* or Phenazone* or Phenylbutazone* or piroxicam* or pirprofen* or prenazone* or Prinomide* or proglumetacin* or Propyphenazone* or proquazone* or rofecoxib* or Salsalate* or Sulindac* or suprofen* or Suxibuzone* or tenoxicam* or tiaprofenic* or tolfenamic* or Tolmetin* or valdecoxib* or zomepirac* or Clonixin*):ti,ab,kw	26572
#11	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*):ti,ab,kw	2323
#12	#8 or #9 or #10 or #11	38772
#13	#7 and #12 Publication Year from 2006 to 2016, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	9

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16		14
S16	S12 OR S13 OR S14 OR S15		143,144
S15	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,062
S14	TX ((extract* or pool*) N1 (data or analys*))		14,718
S13	TX (((systematic or method*) N3 (review* or overview* or study or studies or		133,312

	search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		
S12	PT (Systematic Review or Meta Analysis)		40,943
S11	S6 AND S10		91
S10	S7 OR S8 OR S9		28,652
S9	TX ((over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*) or (aceclofenac* or acemetacin* or Acetylsalicylic* or alclofenac* or alminoprofen* or Aspirin* or azapropazone* or Bendazac* or benoxaprofen* or benzydamine* or bufexamac* or bumadizone* or celecoxib* or Clofezone* or dexibuprofen* or dexketoprofen* or diclofenac* or difenpiramide* or droxicam* or etodolac* or Etofenamate* or etoricoxib* or Felbinac* or fenbufen* or fenclofenac* or fenoprofen* or fentiazac* or feprazone* or flufenamic* or flunoxaprofen* or flurbiprofen* or ibuprofen* or ibuproxam* or Indometacin* or indoprofen* or Kebuzone* or ketoprofen* or ketorolac* or lonazolac* or lornoxicam* or lumiracoxib* or meclofenamic* or mefenamic* or meloxicam* or Mofebutazone* or morniflumate* or nabumetone* or naproxen* or Nifenazone* or niflumic* or nimesulide* or orgotein* or oxaceprol* or oxametacin* or oxaprozin* or Oxyphenbutazone* or parecoxib* or Phenazone* or Phenylbutazone* or piroxicam* or pirprofen* or prenazone* or Prinomide* or proglumetacin* or Propyphenazone* or proquazone* or rofecoxib* or Salsalate* or Sulindac* or suprofen* or Suxibuzone* or tenoxicam* or tiaprofenic* or tolfenamic* or Tolmetin* or valdecoxib* or zomepirac* or Clonixin*))		17,475
S8	TX (NSAID* or ((antiinflammatory or anti-inflammatory or anti inflammatory or non-steroid* or nonsteroid*) N3 (drug* or medicine or agent*)))		14,026
S7	(MH "Antiinflammatory Agents, Non-Steroidal")		7,595
S6	S1 OR S2 OR S3 OR S4 OR S5		4,280
S5	(MH "Spondylosis+")		893
S4	(spondylos* or ((spine or spinal or vertebra*) N3 pain)).		425
S3	TX (degenerative N2 spinal N2 (disorder* or disease*))		64
S2	(MH "Spinal Stenosis")		1,041
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,395

Pedro

Abstract & Title: stenosis
 Method: systematic review
 Published since: 2006

21 fund

PICO 5: Bør patienter med lumbal spinalstenose have tilbudt smertestillende medicin i form af opioider i tillæg til eventuel behandling med svage smertestillende?

Søgt 24.11.2016

Medline

Database(s): 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	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	18761
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	471
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	24110
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	48993
8	Analgesics, Opioid/	36331
9	(opioid* adj4 (agonist* or antiaganist* or anti-agonist*)).ti,ab,kw.	9315
10	(opioid* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or "enkephalin, ala(2)-mephe(4)-gly(5)-" or "enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydrocodone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or pirinitramide or promedol or sufentanil or tilidine or tramadol).ti,ab,kw,dn.	196514
11	(tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or jurnista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydroclorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics).ti,ab,kw,sh,dn.	50551
12	or/8-11	215888
13	7 and 12	1520
14	limit 13 to (systematic reviews or meta analysis)	112
15	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	214869
16	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	169073
17	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	151625
18	or/15-17	403044
19	13 and 18	110



20 14 or 19	129
21 limit 20 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	111

Embase

Database(s): **Embase** 1974 to 2016 November 23

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	24827
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	623
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	36959
4	exp vertebral canal stenosis/	9787
5	exp Spinal Cord Compression/	14264
6	exp spinal stenosis/	9787
7	exp spondylosis/	7335
8	or/1-7	69976
9	exp Analgesics, Opioid/	292176
10	(opioid* adj4 (agonist* or antagonist* or anti-agonist*)).ti,ab,kw.	9959
11	(opioid* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or "enkephalin, ala(2)-mephe(4)-gly(5)-" or "enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydrocodone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or pirinitramide or promedol or sufentanil or tilidine or tramadol).ti,ab,kw,dn.	247429
12	(tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or jurnista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydroclorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics).ti,ab,kw,dn.	45631
13	or/9-12	392322
14	8 and 13	4002
15	limit 14 to (systematic review or meta analysis)	150
16	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	249458
17	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	205291
18	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	172669
19	or/16-18	474947
20	14 and 19	258
21	15 or 20	283
22	limit 21 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	230

Cochrane Library

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)):ti,ab,kw	1276
#2	(degenerative near/2 spinal near/2 (disorder* or disease*)):ti,ab,kw	43
#3	(spondylos* or ((spine or spinal or vertebra*) near/4 pain)):ti,ab,kw	2742
#4	MeSH descriptor: [Spinal Stenosis] explode all trees	255
#5	MeSH descriptor: [Spondylosis] explode all trees	256
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees	113
#7	#1 or #2 or #3 or #4 or #5 or #6	3894
#8	MeSH descriptor: [Analgesics, Opioid] explode all trees	5868
#9	(opioid* near/2 (agonist* or antiagonist* or anti-agonist*)):ti,ab,kw	576
#10	(opioid* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or "enkephalin, ala(2)-mephe(4)-gly(5)-" or "enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydrocodone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or pirinitramide or promedol or sufentanil or tilidine or tramadol):ti,ab,kw	43525
#11	(tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or jurnista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydrochlorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics):ti,ab,kw	17085
#12	#8 or #9 or #10 or #11	44981
#13	#7 and #12 Publication Year from 2006 to 2016, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	28

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101-20161131	20
S16	S12 OR S13 OR S14 OR S15		143,209
S15	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,093
S14	TX ((extract* or pool*) N1 (data or analys*))		14,747
S13	TX (((systematic or method*) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		133,354
S12	PT (Systematic Review or Meta Analysis)		40,949

S11	S6 AND S10		159
S10	S7 OR S8 OR S9		38,838
S9	TX ((opioid* or opiat* or analgesic* or alfentanil or alphaprodine or buprenorphine or buprenorphine or naloxone or butorphanol or dextromoramide or dextropropoxyphene or dihydromorphine or diphenoxylate or "enkephalin, ala(2)-mephe(4)-gly(5)-" or "enkephalin, d-penicillamine (2,5)-" or ethylketocyclazocine or ethylmorphine or etorphine or fentanyl or hydrocodone or hydromorphone or levorphanol or meperidine or meptazinol or methadyl acetate or morphine or nalbuphine or opiate alkaloid* or opium or oxycodone or oxymorphone or pentazocine or phenazocine or phenoperidine or pirinitramide or promedol or sufentanil or tilidine or tramadol) OR (tramadol or dolol or adamon or dolatramyl or gemadol or mandolgin or tradolan or nobligan or tadol or morphin or dextromethorfan or noscapin or alfentanil or fentanyl or hydromorphon or ketobemidon or nicomorphin or oxycordon or pethidin or remifentanil or sufentanil or tapentadol or buprenorphin or nalbupin or contalgin or depolan or doltard or malfin or morfin or oramorph or rapifen or abstral or actiq or durogesic or effentora or fentanyl or haldid or instanyl or lafene or matrifen or recivit or journista or palladon or ketogan or vilan or metadon or oxycordone or oxycordonhydroclorid or oxycontin or oxydorine or oxynorm or reltebon or targin or ultiva or sufenta or narcotics))		36,864
S8	TX (opioid* N4 (agonist* or antiagonist* or anti-agonist*))		417
S7	(MH "Analgesics, Opioid+")		15,864
S6	S1 OR S2 OR S3 OR S4 OR S5		5,278
S5	(MH "Spondylosis+")		893
S4	(spondylo* or ((spine or spinal or vertebra*) N3 pain)).		2,190
S3	TX (degenerative N2 spinal N2 (disorder* or disease*))		64
S2	(MH "Spinal Stenosis")		1,043
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,403

Pedro

PROBLEM: Stenosis

METHOD: Systematic reviews

PUBLISHED SINCE: 2006

21 fund

PICO 6: Bør patienter med lumbal spinalstenose have tilbudt muskelrelaxantia i tillæg til eventuel behandling med svage smertestillende?

Søgt 05.12.2016

Medline

Database(s): 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	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	18779
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease* or spondylolisthesis)).ti,ab,kw.	1488
3	(spondylos* or spondylolisthesis or ((spine or spinal) adj3 pain)).ti,ab,kw.	8358
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	39028
8	exp Muscle Relaxants, Central/	43691
9	exp exp Neuromuscular Agents/	75118
10	exp Neuromuscular Blocking Agents/	24182
11	((muscle* or muscul* or neuromuscul* or neuro-muscul*) adj3 (relaxant* or relexation* or relief)).ti,ab,kw.	7524
12	(afloqualone or arbaclofen placarbil or Baclofen* or bendazol* or Carisoprodol or Chlormezanon* or Chlorphenesin or chlorproethazin* or Chlorzoxazon* or cyclobenzaprin* or Dantrolen* or eperison* or febarbammat* or fenylramidol or "GYKI 52466" or Mephenesin or Meprobbamat* or Methocarbamol or Orphenadrin* or phenprobamat* or Quinine or pridinol or rilmakalim or styramat* or thiocolchicosid* or tizanidin* or Tolperison* or Xylazin* or "Y 27632" or Zoxazolamin*).ti,ab,kw.	27828
13	or/8-12	82350
14	7 and 13	124
15	limit 14 to (systematic reviews or meta analysis)	6
16	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	215625
17	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	169531
18	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	152256
19	or/16-18	404340
20	14 and 19	6
21	15 or 20	8
22	limit 21 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	6

Embase

Database(s): **Embase** 1974 to 2016 December 02

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	24912
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease* or spondylolisthesis)).ti,ab,kw.	2063
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15443
4	exp vertebral canal stenosis/	9836
5	exp Spinal Cord Compression/	14301
6	exp spinal stenosis/	9836
7	exp spondylosis/	7351
8	or/1-7	52664
9	exp muscle relaxant agent/	120016
10	exp Neuromuscular Nondepolarizing Agents/	48980
11	exp Neuromuscular Blocking Agents/	48980
12	((muscle* or muscul* or neuromuscul* or neuro-muscul*) adj3 (relaxant* or relaxation* or relief)).ti,ab,kw.	20154
13	(afloqualone or arbaclofen placarbil or Baclofen* or bendazol* or Carisoprodol or Chlormezanon* or Chlorphenesin or chlorproethazin* or Chlorzoxazon* or cyclobenzaprin* or Dantrolen* or eperison* or febarbamat* or fenyramidol or "GYKI 52466" or Mephenesin or Meprobumat* or Methocarbamol or Orphenadrin* or phenprobamat* or Quinine or pridinol or rilmakalim or styramat* or thiocolchicosid* or tizanidin* or Tolperison* or Xylazin* or "Y 27632" or Zoxazolamin*).ti,ab,kw.	31032
14	or/9-13	140654
15	8 and 14	804
16	limit 15 to (systematic review or meta analysis)	27
17	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	250440
18	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	205981
19	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	173253
20	or/17-19	476511
21	15 and 20	51
22	16 or 21	65
23	limit 22 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	49

Cochrane

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)):ti,ab,kw	1305
#2	(degenerative near/2 (spinal or lumbar) near/2 (disorder* or disease*)):ti,ab,kw	144
#3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) near/4 pain)):ti,ab,kw	3083
#4	MeSH descriptor: [Spinal Stenosis] explode all trees	255
#5	MeSH descriptor: [Spondylosis] explode all trees	257
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees	113
#7	#1 or #2 or #3 or #4 or #5 or #6	4147
#8	MeSH descriptor: [Neuromuscular Agents] explode all trees	2227
#9	((muscle* or muscul* or neuromuscul* or neuro-muscul*) near/6 (relaxant* or relexation* or relief)):ti,ab,kw	1538
#10	(afloqualone or arbaclofen placarbil or Baclofen* or bendazol* or Carisoprodol or Chlormezanon* or Chlorphenesin or chlorproethazin* or Chlorzoxazon* or cyclobenzaprin* or Dantrolen* or eperison* or febarbamat* or fenyramidol or "GYKI 52466" or Mephenesin or Meprobamat* or Methocarbamol or Orphenadrin* or phenprobamat* or Quinine or pridinol or rilmakalim or styramat* or thiolcolchicosid* or tizanidin* or Tolperison* or Xylazin* or "Y 27632" or Zoxazolamin*):ti,ab,kw	1923
#11	#8 or #9 or #10	4882
#12	#7 and #11 Publication Year from 2006 to 2016, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	2

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101-20161131	14
S16	S12 OR S13 OR S14 OR S15		143,270
S15	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,274
S14	TX ((extract* or pool*) N1 (data or analys*))		14,879
S13	TX (((systematic or method*) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		133,279
S12	PT (Systematic Review or Meta Analysis)		40,961
S11	S6 AND S10		99
S10	S7 OR S8 OR S9		6,286
S9	TX (afloqualone or arbaclofen or placarbil or Baclofen* or bendazol* or Carisoprodol or Chlormezanon* or Chlorphenesin or chlorproethazin* or Chlorzoxazon* or cyclobenzaprin* or Dantrolen* or eperison* or febarbamat* or fenyramidol or "GYKI		1,690



	52466" or Mephenesin or Meprobamat* or Methocarbamol or Orphenadrin* or phenprobamat* or Quinine or pridinol or rilmakalim or styramat* or thiocolchicosid* or tizanidin* or Tolperison* or Xylazin* or "Y 27632" or Zoxazolamin*)		
S8	TX ((muscle* or muscul* or neuromuscul* or neuro-muscul*) N6 (relaxant* or relaxation* or relief))		1,967
S7	(MH "Neuromuscular Agents+")		4,397
S6	S1 OR S2 OR S3 OR S4 OR S5		11,133
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) N6 pain))		4,585
S3	TX (spinal or lumbar) N4 (disorder* or disease*)		4,408
S2	(MH "Spinal Stenosis")		1,043
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,413

PICO 7: Bør patienter med lumbaspinalstenose have tilbudt medicin for neuropatiske smerter?

Søgt 05.12.2016

Medline

Database(s): **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	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	18779
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1267
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15367
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	35143
8	exp Neuralgia/	17673
9	exp Radiculopathy/	4487
10	exp nerve compression syndromes/	21108
11	exp Polyneuropathies/	25757
12	(neuropath* or radiculopath* or (nerv* adj4 compression)). ti,ab,kw.	128396
13	pregabalin* or amitriptylin*.ti,ab,kw,dn.	11084
14	or/8-13	194291
15	7 and 14	4301
16	limit 15 to (systematic reviews or meta analysis)	106
17	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	215625
18	((extract* or pool*) adj3 (data or analys*) or evidence-based).ti,ab,kw.	169531
19	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	152256
20	or/17-19	404340
21	15 and 20	113
22	16 or 21	139
23	limit 22 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	99

Embase

Database(s): **Embase** 1974 to 2016 December 02
 Search Strategy:

#	Searches	Results
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1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	24912
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease* or spondylolisthesis)).ti,ab,kw.	2063
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	20414
4	exp vertebral canal stenosis/	9836
5	exp Spinal Cord Compression/	14301
6	exp spinal stenosis/	9836
7	exp spondylosis/	7351
8	or/1-7	56060
9	exp neuropathy/	466967
10	exp Neuralgia/	91945
11	exp neuropathic pain/	27682
12	exp radiculopathy/	31284
13	(neuropath* or radiculopath* or (nerv* adj4 compression) or pregabalin* or amitriptylin*).ti,ab,kw,dn.	182615
14	or/9-13	529783
15	8 and 14	11787
16	limit 15 to (systematic review or meta analysis)	289
17	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	250440
18	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	205981
19	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	173253
20	or/17-19	476511
21	15 and 20	495
22	16 or 21	549
23	limit 22 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	434

Cochrane Library

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw	1305
#2	(degenerative near/2 (spinal or lumbar) near/2 (disorder* or disease*)):ti,ab,kw	144
#3	(spondylos* or spondylolisthesis):ti,ab,kw	711
#4	MeSH descriptor: [Spinal Stenosis] explode all trees	255
#5	MeSH descriptor: [Spondylosis] explode all trees	257
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees	113
#7	#1 or #2 or #3 or #4 or #5 or #6	1974
#8	MeSH descriptor: [Neuralgia] explode all trees	921
#9	MeSH descriptor: [Radiculopathy] explode all trees	258
#10	MeSH descriptor: [Nerve Compression Syndromes] explode all trees	581
#11	MeSH descriptor: [Polyneuropathies] explode all trees	306
#12	(neuropath* or radiculopath* or (nerv* near/4 compression) or pregabalin* or amitriptylin*).ti,ab,kw	7625
#13	#8 or #9 or #10 or #11 or #12	8731

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#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101-20161131	54
S16	S12 OR S13 OR S14 OR S15		143,270
S15	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,274
S14	TX ((extract* or pool*) N1 (data or analys*))		14,879
S13	TX (((systematic or method*) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		133,279
S12	PT (Systematic Review or Meta Analysis)		40,961
S11	S6 AND S10		528
S10	S7 OR S8 OR S9		19,058
S9	TX (neuropath* or radiculopath* or (nerv* N4 compression) or pregabalin* or amitriptylin*)		15,934
S8	MH "Polyneuropathies+"		3,426
S7	(MH ("Neuralgia+" or "Radiculopathy+" or "Nerve Compression Syndromes"))		4,515
S6	S1 OR S2 OR S3 OR S4 OR S5		4,511
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis)		1,130
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,043
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,413



PICO 8: Bør patienter med lumbal spinalstenose have tilbudt kirurgisk dekompression i tilfælde af manglende effekt af ikke kirurgisk behandling?

PICO 9: Bør patienter med lumbal spinalstenose have tilbudt stivgørende operation med eller uden instrumentering i tillæg til dekompression?

Samsøgt 28.11.2016

Medline

Database(s): 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	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	18761
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease* or spondylolisthesis)).ti,ab,kw.	1486
3	(spondylos* or spondylolisthesis).ti,ab,kw.	7241
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	34337
8	exp "Decompression, Surgical"/ or exp Laminectomy/	21799
9	(laminectomy or hemilaminectomy or hemi-laminectomy or decompression).ti,ab,kw.	38492
10	or/8-9	48379
11	7 and 10	8392
12	limit 11 to (systematic reviews or meta analysis)	223
13	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	214869
14	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	169073
15	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	151625
16	or/13-15	403044
17	11 and 16	221
18	12 or 17	281
19	limit 18 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	218

Embase

Database(s): **Embase** 1974 to 2016 November 23

Search Strategy:

#	Searches	Results
1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) adj3 (stenos* or compression or claudication or constriction or recess)).ti,ab,kw.	24827
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1735
3	(spondylos* or spondylolisthesis).ti,ab,kw.	9154
4	exp vertebral canal stenosis/	9787
5	exp Spinal Cord Compression/	14264
6	exp spinal stenosis/	9787
7	exp spondylosis/ or exp spondylolisthesis/	14068
8	or/1-7	47766
9	exp "Decompression surgery"/ or exp Laminectomy/	56771
10	(laminectomy or hemilaminectomy or hemi-laminectomy or decompression).ti,ab,kw.	47223
11	or/9-10	81154
12	8 and 11	11706
13	limit 12 to (systematic review or meta analysis)	204
14	((systematic adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	249458
15	((extract* or pool*) adj3 (data or analys*)) or evidence-based).ti,ab,kw.	205291
16	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab,jw.	172669
17	or/14-16	474947
18	12 and 17	353
19	13 or 18	380
20	limit 19 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	294

Cochrane Library

ID	Search	Hits
#1	((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) near/3 (stenos* or compression or claudication or constriction or recess)):ti,ab,kw	1276
#2	(degenerative near/2 (spinal or lumbar) near/2 (disorder* or disease*))):ti,ab,kw	141
#3	(spondylos* or spondylolisthesis):ti,ab,kw	700
#4	MeSH descriptor: [Spinal Stenosis] explode all trees	255
#5	MeSH descriptor: [Spondylosis] explode all trees	256
#6	MeSH descriptor: [Spinal Cord Compression] explode all trees	113
#7	#1 or #2 or #3 or #4 or #5 or #6	1935
#8	MeSH descriptor: [Decompression, Surgical] explode all trees	566
#9	MeSH descriptor: [Laminectomy] explode all trees	214
#10	(laminectomy or hemilaminectomy or hemi-laminectomy or decompression):ti,ab,kw	2032
#11	#8 or #9 or #10	2051
#12	#7 and #11 Publication Year from 2006 to 2016, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	37

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#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Language: Danish, English, German, Norwegian, Swedish	102
S16	S12 OR S13 OR S14 OR S15		143,055
S15	AB (pubmed or medline or embase or cochrane or "web of science" or scopus)		27,135
S14	TX ((extract* or pool*) N1 (data or analys*))		14,776
S13	TX (((systematic or method*) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)		133,157
S12	PT (Systematic Review or Meta Analysis)		40,953
S11	S6 AND S10		924
S10	S7 OR S8 OR S9		4,173
S9	TX (laminectomy or hemilaminectomy or hemi-laminectomy or decompression)		4,173
S8	MH "Laminectomy+"		689
S7	(MH "Decompression, Surgical")		1,681
S6	S1 OR S2 OR S3 OR S4 OR S5		4,500
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis)		1,127
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,043
S1	TX ((Lumbal or Lumbar or lumbo* or Low back or posterior or neurologic* or neural or neurogen* or spinal or vertebral or canal or foraminal or pathologic og lateral) N3 (stenos* or compression or claudication or constriction or recess))		3,405

PICO 10. Bør patienter opereret for lumbal spinalstenose tilbydes superviseret træning efter operationen fremfor ingen supervision?

Samsøgt med PICO 1 – se denne