



Søgeprotokol for nationale kliniske retningslinjer

Projekttitle/aspekt	NKR behandling af patienter med lumbal spinalstenose – Søgning efter primærlitteratur
Fagkonsulent /projektleder	Rikke Rousing / Maria Herlev Ahrenfeldt
Søgespecialist	Kirsten Birkefoss
Senest opdateret	23.12.2016

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: Randomiserede studier</p>

Informationskilder

DATABASE	INTERFACE	DATO FOR SØGNING
Medline	OVID	12.12.2016 – 16.12.2016
EMBASE	OVID	12.12.2016 – 16.12.2016
PsycINFO (Pico 1 og 10)	Ovid	16.12.2016
CINAHL	EBSCO	12.12.2016 – 16.12.2016
Pedro (Pico 1,2,3,4,10)	Internettet	12.12.2016 – 16.12.2016

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

Randomiserede studier

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 16.12.2016

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.	18801
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1270
3	(spondylos* or spondylolisthesis).ti,ab,kw.	7253
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	35181
8	exp Motor Activity/	258890
9	exp exercise/	160984
10	exp exercise therapy/	41871
11	exp Mind-Body Therapies/	47832
12	exp Rehabilitation/	185213
13	exp "Activities of Daily Living"/	63732
14	exp health behavior/	160066
15	exp Life style/	82011
16	exp Leisure activities/	211383
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.	649422
24 ((muscl* or resistance or physical or endurance or strengthen* or aquatic* or balance or circuit-based or stabil* or gait or postur* or maneuver* 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.	257377
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.	147504
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 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.	460651
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.	1094741
28 (adl or (activ* adj3 (living or live*1 or life))).ti,ab,kw.	67669
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.	210111
30 or/8-29	2922484
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.	14237374
32 7 and 30 and 31	4316
33 limit 32 to (randomized controlled trial or controlled clinical trial)	269
34 (((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560027
35 (placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258059
36 ((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157650
37 (patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146329
38 or/34-37	700320
39 32 and 38	495
40 33 or 39	556
41 limit 40 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	403

Embase

Søgt 16.12.2016

Database(s): **Embase** 1974 to 2016 December 15

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	24964



or constriction or recess)).ti,ab,kw.	
2 (degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1757
3 (spondylos* or spondylolisthesis).ti,ab,kw.	9230
4 exp Spinal Cord Compression/	14344
5 exp lumbar spinal stenosis/	1433
6 exp spinal stenosis/	9859
7 exp vertebral canal stenosis/	9859
8 exp spondylosis/	7368
9 spondylolisthesis/	7180
10 or/1-9	48056
11 exp daily life activity/	72699
12 exp exercise/	305418
13 exp sport/	144055
14 exp kinesiotherapy/ or qigong/	65527
15 exp Rehabilitation/	358963
16 exp physical activity/	356955
17 exp physical capacity/	36218
18 exp Lifestyle/ or exp lifestyle modification/	133112
19 exp training/	84509
20 exp physical performance/	80961
21 exp Animal Assisted Therapy/	682
22 exp Exercise Movement Techniques/	65327
23 exp "Physical Education and Training"/	11756
24 exp Patient Education/	99839
25 Weight-Bearing/	25814
26 (exercis* or train*).ti,ab,kw.	779130
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.	309238
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.	166570
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.	546624
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.	1271952
31 (adl or (activ* adj3 (living or live*1 or life))).ti,ab,kw.	83286
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.	245872



33 or/11-32	3464645
34 exp clinical supervision/	2040
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.	16181737
36 or/34-35	16181963
37 10 and 33 and 36	7435
38 limit 37 to (randomized controlled trial or controlled clinical trial)	531
39 exp Controlled clinical Trial/	633515
40 (((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	697384
41 (placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	325144
42 ((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198366
43 (patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202729
44 or/39-43	1150970
45 37 and 44	979
46 38 or 45	979
47 limit 46 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	744

PsycINFO

Database(s): **PsycINFO** 1806 to December Week 2 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/	32130
6	exp exercise/	21760
7	exp Mind-Body Therapy/	124
8	exp Rehabilitation/	66704
9	exp "Activities of Daily Living"/	5122
10	exp health behavior/	23397
11	exp Lifestyle/	9990
12	exp Daily activities/	3306
13	exp Physical Fitness/	3720
14	exp Animal Assisted Therapy/	702
15	exp movement therapy/	934
16	exp Client education/	3441

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/	88374
18 exp sports/ or exp recreation/ or exp rehabilitation/ or exp Alternative Medicine/	115783
19 (exercis* or train*).ti,ab,kw.	317013
20 ((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.	65298
21 (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.	9602
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.	92196
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.	283259
24 (adl or (activ* adj3 (living or live*1 or life))).ti,ab,kw.	14122
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.	36181
26 or/5-25	809166
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.	2779636
28 4 and 26 and 27	120
29 (((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	77072
30 (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) adj (blind* or mask*))).ti,ab,id.	42752
31 ((patient* or client* or person*) adj5 (random* or blind* or mask*)).ti,ab,kw.	14046
32 or/29-31	103785
33 28 and 32	8
34 limit 33 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	7

Cinahl

Søgt 16.12.2016

#	Query	Limiters/Expanders	Results
S30	S6 AND S11 AND S28 AND S29	Limiters - Published Date: 20060101- 20161231	230



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*)		2,057,608
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		946,536
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)		44,095
S26	TX (adl or (activ* N3 (living or live* or life)))		29,296
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*))		258,224
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*)))		119,320
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)		22,609
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 maneu* or position* or reposition* or carriage or home or residential or residenc*) N3 (train* or exercis* or therap* or strength* or fit* or condition* or technique* or program*))		192,145
S21	TX (exercis* or train*)		231,385
S20	(MH "Patient Education+")		51,085
S19	(MH "Animal Assisted Therapy (Iowa NIC)") OR (MH "Activity Therapy (Iowa NIC)")		2
S18	(MH "Leisure Activities+") OR (MH "Physical Fitness+") OR (MH		83,153



	"Physical Performance") OR (MH "Sports+")		
S17	(MH "Life Style+")		118,320
S16	(MH "Alternative Therapies+")		119,349
S15	(MH "Rehabilitation+")		162,460
S14	(MH "human activities+")		206,951
S13	(MH "Exercise+")		58,581
S12	(MH "Coping+")		22,499
S11	S7 OR S8 OR S9 OR S10		142,870
S10	TX (patient* N5 (random* or blind* or mask*))		24,652
S9	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))		49,890
S8	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,771
S7	PT (Randomized Controlled Trial OR Controlled Clinical trial)		30,838
S6	S1 OR S2 OR S3 OR S4 OR S5		4,514
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis)		1,131
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,044
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))		3,416

Pedro

PROBLEM: Stenosis
 METHOD: Clinical trials
 PUBLISHED SINCE: 2006

27 fund

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

Søgt 16.12.2016

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.	18801
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1270
3	(spondylos* or spondylolisthesis).ti,ab,kw.	7253
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	35181
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 cranosacral therap* or cranio-sacral therap* or therapeutic touch or massotherapy or stretch*).ti,ab,kw,kf.	628886
10	(flexion or (vibration adj5 (therap* or treat*))).ti,ab,kw.	45699
11	(physiotherapy or physical therapy or osteopath* or chiropract*).ti,ab,kw.	40266
12	or/8-11	706891
13	7 and 12	3153
14	limit 13 to (randomized controlled trial or controlled clinical trial)	131
15	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560027
16	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146329
17	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157650
18	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258059
19	or/15-18	700320
20	13 and 19	252
21	14 or 20	290
22	limit 21 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	191

Embase

Database(s): **Embase** 1974 to 2016 December 15

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.	24964
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1757
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	20459
4	exp vertebral canal stenosis/	9859
5	spondylolisthesis/	7180
6	exp Spinal Cord Compression/	14344
7	exp spinal stenosis/	9859
8	exp spondylosis/	7368
9	or/1-8	57648
10	exp Manipulative medicine/ or exp joint mobilization/	33011
11	(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.	684500
12	(flexion or (vibration adj5 (therap* or treat*))).ti,ab,kw.	51622
13	(physiotherapy or physical therapy or osteopath* or chiropract*).ti,ab,kw.	56420
14	or/10-13	785440
15	9 and 14	6244
16	limit 15 to (randomized controlled trial or controlled clinical trial)	470
17	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	697384
18	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202729
19	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198366
20	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	325144
21	or/17-20	881180
22	15 and 21	703
23	16 or 22	830
24	limit 23 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	555

Cinahl

#	Query	Limiters/Expanders	Results
S34	S28 AND S33	Limiters - Published Date: 20060101- 20161131	221
S33	S29 OR S30 OR S31 OR S32		142,870



S32	TX (patient* N5 (random* or blind* or mask*))		24,652
S31	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))		49,890
S30	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,771
S29	PT Randomized Controlled Trial		30,838
S28	S23 AND S27		2,076
S27	S24 OR S25 OR S26		260,132
S26	TX (flexion or (vibration N5 (therap* or treat*)))		11,371
S25	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 physiotherapy or physical therapy or osteopath* or chiropract*))		254,915
S24	(MH "Manual therapy+")		26,287
S23	S18 OR S19 OR S20 OR S21 OR S22		4,514
S22	(MH "Spondylosis+")		893
S21	TX (spondylos* or spondylolisthesis)		1,131
S20	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S19	(MH "Spinal Stenosis")		1,044
S18	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))		3,416

Pedro

PROBLEM: Stenosis
METHOD: Clinical trials
PUBLISHED SINCE: 2006
27 fund



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

Søgt 13.12.2016

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.	18801
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.	15479
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	41874
8	exp Acetaminophen/	16483
9	(Paracetamol or Acetaminophen).mp.	24963
10	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	9426
11	or/8-10	33701
12	7 and 11	87
13	limit 12 to (randomized controlled trial or controlled clinical trial)	21
14	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560009
15	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146322
16	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157645
17	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258052
18	or/14-17	700299
19	12 and 18	31
20	13 or 19	33
21	limit 20 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	22

Embase

Database(s): **Embase** 1974 to 2016 December 12

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.	24928
2	(degenerative adj2 spinal adj2 (disorder* or disease*)).ti,ab,kw.	626
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	20428
4	spondylolisthesis/	7169
5	exp vertebral canal stenosis/	9838
6	exp Spinal Cord Compression/	14320
7	exp spinal stenosis/	9838
8	exp spondylosis/	7357
9	or/1-8	56881
10	exp Paracetamol/	76589
11	(Paracetamol or Acetaminophen).mp.	80434
12	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	12367
13	or/10-12	91317
14	9 and 13	641
15	limit 14 to (randomized controlled trial or controlled clinical trial)	92
16	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	696125
17	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202426
18	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198081
19	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	324682
20	or/16-19	879715
21	14 and 20	124
22	15 or 21	145
23	limit 22 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	99

Cinahl

#	Query	Limiters/Expanders	Results
S36	S29 AND S35	Limiters - Published Date: 20060101-20161231	13
S35	S30 OR S31 OR S32 OR S33 OR S34		156,683
S34	TX (patient* N5 (random* or blind* or mask*))		24,640
S33	AB (pubmed or medline or embase or cochrane or "web of		27,296



	science" or scopus)		
S32	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))		49,875
S31	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,684
S30	PT Randomized Controlled Trial		30,838
S29	S24 AND S28		47
S28	S25 OR S26 OR S27		8,205
S27	TX (over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*)		4,532
S26	TX (Paracetamol or Acetaminophen)		3,993
S25	(MH "Acetaminophen")		2,884
S24	S19 OR S20 OR S21 OR S22 OR S23		6,955
S23	(MH "Spondylosis+")		893
S22	TX (spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) N4 pain))		3,801
S21	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S20	(MH "Spinal Stenosis")		1,044
S19	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))		3,416

Pedro

PROBLEM: Stenosis
METHOD: Clinical trials
PUBLISHED SINCE: 2006

27 fund

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

Søgt 13.12.2016

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.	18801
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1270
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15479
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	42385
8	exp Anti-Inflammatory Agents, Non-Steroidal/	186178
9	(NSAID* or ((antiinflammatory or anti-inflammatory or anti inflammatory or non-steroid* or nonsteroid*) adj3 (drug* or medicine or agent*))).ti,ab,kw.	59065
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.	104413
11	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	9426
12	or/8-11	252929
13	7 and 12	573
14	limit 13 to (randomized controlled trial or controlled clinical trial)	90
15	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560009
16	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157645
17	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146322
18	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258052
19	or/15-18	700299
20	13 and 19	131

21 14 or 20	147
22 limit 21 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	83

Embase

Database(s): **Embase** 1974 to 2016 December 12

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.	24928
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1749
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	20428
4	spondylolisthesis/	7169
5	exp vertebral canal stenosis/	9838
6	exp Spinal Cord Compression/	14320
7	exp spinal stenosis/	9838
8	exp spondylosis/	7357
9	or/1-8	57555
10	exp nonsteroid antiinflammatory agent/ or exp non prescription drug/	532427
11	(NSAID* or ((antiinflammatory or anti-inflammatory or anti inflammatory or non-steroid* or nonsteroid*) adj3 (drug* or medicine or agent*))).ti,ab,kw.	83381
12	(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.	141824
13	(over-the-counter or over the counter or nonprescripti* or non-prescripti* or non prescripti*).ti,ab,kw.	12367
14	or/10-13	570354
15	9 and 14	2576
16	limit 15 to (randomized controlled trial or controlled clinical trial)	250
17	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	696125
18	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202426
19	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198081
20	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	324682
21	or/17-20	879715
22	15 and 21	371



23 16 or 22

431

24 limit 23 to (yr="2006-current" and (english or german or danish or swedish or norwegian))

281

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101- 20161231	38
S16	S12 OR S13 OR S14 OR S15		142,783
S15	TX (patient* N5 (random* or blind* or mask*))		24,640
S14	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*)))		49,875
S13	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,684
S12	PT Randomized Controlled Trial		30,838
S11	S6 AND S10		177
S10	S7 OR S8 OR S9		28,880
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*))		17,655
S8	TX (NSAID* or ((antiinflammatory or anti-inflammatory or anti		14,095



	inflammatory or non-steroid* or nonsteroid*) N3 (drug* or medicine or agent*))		
S7	(MH "Antiinflammatory Agents, Non-Steroidal")		7,632
S6	S1 OR S2 OR S3 OR S4 OR S5		6,955
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) N4 pain))		3,801
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,044
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))		3,416

Pedro

PROBLEM: Stenosis
METHOD: Clinical trials
PUBLISHED SINCE: 2006

27 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 13.12.2016

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.	18801
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1270
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15479
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	42385
8	Analgesics, Opioid/	36331
9	(opioid* adj4 (agonist* or antiaganist* or anti-agonist*)).ti,ab,kw.	9338
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.	196936
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.	50633
12	or/8-11	216323
13	7 and 12	1954
14	limit 13 to (randomized controlled trial or controlled clinical trial)	255
15	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560009
16	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146322
17	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157645
18	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258052
19	or/15-18	700299
20	13 and 19	416



21	14 or 20	449
22	limit 21 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	283

Embase

Database(s): **Embase** 1974 to 2016 December 12

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.	24928
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1749
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	20428
4	exp vertebral canal stenosis/	9838
5	spondylolisthesis/	7169
6	exp Spinal Cord Compression/	14320
7	exp spinal stenosis/	9838
8	exp spondylosis/	7357
9	or/1-8	57555
10	exp Analgesics, Opioid/	293108
11	(opioid* adj4 (agonist* or antiagonist* or anti-agonist*)).ti,ab,kw.	9988
12	(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 piritramide or promedol or sufentanil or tilidine or tramadol).ti,ab,kw,dn.	248062
13	(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.	45786
14	or/10-13	393448
15	9 and 14	3918
16	limit 15 to (randomized controlled trial or controlled clinical trial)	449
17	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	696125
18	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202426
19	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198081
20	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	324682
21	or/17-20	879715
22	15 and 21	682

23 16 or 22

771

24 limit 23 to (yr="2006-current" and (english or german or danish or swedish or norwegian))

521

Cinahl

#	Query	Limiters/Expanders	Results
S16	S5 AND S11 AND S15	Limiters - Published Date: 20060101- 20161231	95
S15	S12 OR S13 OR S14		38,981
S14	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 piritramide 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))		37,006
S13	TX (opioid* N4 (agonist* or antiagonist* or anti-agonist*))		425
S12	(MH "Analgesics, Opioid+")		15,886
S11	S6 OR S7 OR S8 OR S9 OR S10		6,955
S10	(MH "Spondylosis+")		893
S9	TX (spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) N4 pain))		3,801
S8	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S7	(MH "Spinal Stenosis")		1,044



S6	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))		3,416
S5	S1 OR S2 OR S3 OR S4		142,783
S4	TX (patient* N5 (random* or blind* or mask*))		24,640
S3	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))		49,875
S2	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,684
S1	PT Randomized Controlled Trial		30,838

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

Søgt 14.12.2016

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.	18801
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1270
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15479
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	42385
8	exp Muscle Relaxants, Central/	43691
9	exp Neuromuscular Agents/	75118
10	exp Neuromuscular Blocking Agents/	24182
11	((muscle* or muscul* or neuromuscul* or neuro-muscul*) adj3 (relaxant* or relaxation* or relief)).ti,ab,kw.	15131
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 fenylamidol or "GYKI 52466" or Mephenesin or Meprobbamat* or Methocarbamol or Orphenadrin* or phenprobamat* or Quinine or pridinol or rilmakalim or styramat* or thicolcolchicosid* or tizanidin* or Tolperison* or Xylazin* or "Y 27632" or Zoxazolamin*).ti,ab,kw.	27841
13	or/8-12	97603
14	7 and 13	185
15	limit 14 to (randomized controlled trial or controlled clinical trial)	14
16	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560009
17	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146322
18	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157645
19	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258052
20	or/16-19	700299
21	14 and 20	24
22	15 or 21	26
23	limit 22 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	13

Embase

Database(s): **Embase** 1974 to 2016 December 13

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.	24928
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1749
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	20429
4	exp vertebral canal stenosis/	9838
5	spondylolisthesis/	7169
6	exp Spinal Cord Compression/	14320
7	exp spinal stenosis/	9838
8	exp spondylosis/	7357
9	or/1-8	57556
10	exp muscle relaxant agent/	120170
11	exp Neuromuscular Nondepolarizing Agents/	49045
12	exp Neuromuscular Blocking Agents/	49045
13	((muscle* or muscul* or neuromuscul* or neuro-muscul*) adj3 (relaxant* or relaxation* or relief)).ti,ab,kw.	20169
14	(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 thiocolchicosid* or tizanidin* or Tolperison* or Xylazin* or "Y 27632" or Zoxazolamin*).ti,ab,kw.	31057
15	or/10-14	140819
16	9 and 15	848
17	limit 16 to (randomized controlled trial or controlled clinical trial)	66
18	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	696198
19	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202438
20	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198125
21	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	324740
22	or/18-21	879808
23	16 and 22	100
24	17 or 23	118
25	limit 24 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	68

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101-20161131	16
S16	S12 OR S13 OR S14 OR S15		142,807
S15	TX (patient* N5 (random* or blind* or mask*))		24,641
S14	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))		49,878
S13	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,708
S12	PT Randomized Controlled Trial		30,838
S11	S6 AND S10		66
S10	S7 OR S8 OR S9		6,287
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 52466" or Mephenesin or Meprobamat* or Methocarbamol or Orphenadrin* or phenprobamat* or Quinine or pridinol or rilimakalim or styramat* or thiocolchicosid* or tizanidin* or Tolperison* or Xylazin* or "Y 27632" or Zoxazolamin*)		1,690
S8	TX ((muscle* or muscul* or neuromuscul* or neuro-muscul*) N6 (relaxant* or relaxation* or relief))		1,967
S7	(MH "Neuromuscular Agents+")		4,398
S6	S1 OR S2 OR S3 OR S4 OR S5		7,644
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) N6 pain))		4,586
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,044
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))		3,416

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

Søgt 14.12.2016

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.	18801
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1270
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	15479
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	42385
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) or pregabalin* or amitriptylin*).ti,ab,kw,dn.	128560
13	or/8-12	174455
14	7 and 13	5937
15	limit 14 to (randomized controlled trial or controlled clinical trial)	182
16	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560009
17	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146322
18	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157645
19	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258052
20	or/16-19	700299
21	14 and 20	354
22	15 or 21	398
23	limit 22 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	278

Embase

Database(s): **Embase** 1974 to 2016 December 13

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.	24928
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1749
3	(spondylos* or spondylolisthesis or ((spine or spinal or vertebra*) adj4 pain)).ti,ab,kw.	20429
4	exp vertebral canal stenosis/	9838
5	spondylolisthesis/	7169
6	exp Spinal Cord Compression/	14320
7	exp spinal stenosis/	9838
8	exp spondylosis/	7357
9	or/1-8	57556
10	exp neuropathy/	467801
11	exp neuropathic pain/	27761
12	exp radiculopathy/	31341
13	(neuropath* or radiculopath* or (nerv* adj4 compression) or pregabalin* or amitriptylin*).ti,ab,kw,dn.	168866
14	or/10-13	530581
15	9 and 14	12035
16	limit 15 to (randomized controlled trial or controlled clinical trial)	484
17	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	696198
18	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202438
19	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198125
20	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	324740
21	or/17-20	879808
22	15 and 21	757
23	16 or 22	914
24	limit 23 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	651

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101- 20161131	41
S16	S12 OR S13 OR S14 OR S15		142,807
S15	TX (patient* N5 (random* or blind* or mask*))		24,641



S14	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))		49,878
S13	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,708
S12	PT Randomized Controlled Trial		30,838
S11	S6 AND S10		528
S10	S7 OR S8 OR S9		19,074
S9	TX (neuropath* or radiculopath* or (nerv* N4 compression) or pregabalin* or amitriptylin*)		15,949
S8	MH "Polyneuropathies+"		3,428
S7	(MH ("Neuralgia+" or "Radiculopathy+" or "Nerve Compression Syndromes"))		4,515
S6	S1 OR S2 OR S3 OR S4 OR S5		4,514
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis)		1,131
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,044
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))		3,416

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 14.12.2016

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.	18801
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1270
3	(spondylos* or spondylolisthesis).ti,ab,kw.	7253
4	exp Spinal Cord Compression/	10657
5	exp spinal stenosis/	5189
6	exp spondylosis/	6459
7	or/1-6	35181
8	exp "Decompression, Surgical"/	13959
9	exp Laminectomy/	9105
10	(laminectomy or hemilaminectomy or hemi-laminectomy or decompression).ti,ab,kw.	38590
11	or/8-10	48477
12	7 and 11	8521
13	limit 12 to (randomized controlled trial or controlled clinical trial)	191
14	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	560009
15	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	146322
16	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	157645
17	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	258052
18	or/14-17	700299
19	12 and 18	387
20	13 or 19	425
21	limit 20 to (yr="2006-Current" and (english or german or danish or swedish or norwegian))	310

Embase

Database(s): **Embase** 1974 to 2016 December 13

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.	24928
2	(degenerative adj2 (spinal or lumbar) adj2 (disorder* or disease*)).ti,ab,kw.	1749
3	(spondylos* or spondylolisthesis).ti,ab,kw.	9217
4	spondylolisthesis/	7169
5	exp vertebral canal stenosis/	9838
6	exp Spinal Cord Compression/	14320
7	exp spinal stenosis/	9838
8	exp spondylosis/	7357
9	or/1-8	47979
10	exp "Decompression surgery"/	42724
11	exp Laminectomy/	17546
12	(laminectomy or hemilaminectomy or hemi-laminectomy or decompression).ti,ab,kw.	47358
13	or/10-12	81415
14	9 and 13	11763
15	limit 14 to (randomized controlled trial or controlled clinical trial)	399
16	((((random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	696198
17	(patient* adj5 (random* or blind* or mask*)).ti,ab,kw.	202438
18	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	198125
19	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	324740
20	or/16-19	879808
21	14 and 20	531
22	15 or 21	690
23	limit 22 to (yr="2006-current" and (english or german or danish or swedish or norwegian))	481

Cinahl

#	Query	Limiters/Expanders	Results
S17	S11 AND S16	Limiters - Published Date: 20060101-20161231; Language: Danish, English, German, Norwegian, Swedish	88
S16	S12 OR S13 OR S14 OR S15		142,826



S15	TX (patient* N5 (random* or blind* or mask*))		24,644
S14	TX (placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))		49,879
S13	TX (((random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)		130,727
S12	PT Randomized Controlled Trial		30,838
S11	S6 AND S10		930
S10	S7 OR S8 OR S9		4,188
S9	TX (laminectomy or hemilaminectomy or hemi-laminectomy or decompression)		4,188
S8	MH "Laminectomy+"		692
S7	(MH "Decompression, Surgical")		1,682
S6	S1 OR S2 OR S3 OR S4 OR S5		4,514
S5	(MH "Spondylosis+")		893
S4	TX (spondylos* or spondylolisthesis)		1,131
S3	TX (degenerative N2 (spinal or lumbar) N2 (disorder* or disease*))		182
S2	(MH "Spinal Stenosis")		1,044
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))		3,416

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

Samsøgt med PICO 1 – se denne