

Søgeprotokol for Nationale Kliniske Retningslinjer

Projekttitle	NKR for behandling af patienter med subakromielt smertesyndrom i skulderen (impingement syndrom/rotator-cuff syndrom) - Sekundær litteratur
Fagkonsulent Projektleder Metodekonsulent	Stig Brorson Henning Keinke Andersen Anja Ussing
Søgespecialist	Birgitte Holm Petersen, SST
Senest opdateret	29. januar 2020

Baggrund	<p>PICO 1a og 1b Bør voksne patienter med subakromielt smertesyndrom tilbydes superviseret træning frem for selvtræning eller ingen struktureret træning?</p> <p>PICO 2 Bør voksne patienter med subakromielt smertesyndrom tilbydes subakromiel glukokortikoid injektion?</p> <p><i>(PICO 3a og 3b Bør voksne patienter med subakromielt smertesyndrom tilbydes subakromiel dekompression frem for ikke kirurgisk behandling eller ingen behandling). Der er ikke foretaget søgning på PICO 3a og 3b, da data fra BMJ er brugt her, BMJ 2019;364:l294, doi: 10.1136/bmj.l294)</i></p> <p>PICO 4a og 4b Bør voksne patienter med subakromielt smertesyndrom, der ikke har haft tilstrækkelig effekt af et træningsforløb tilbydes subakromiel dekompression frem for ikke kirurgisk behandling eller ingen behandling?</p>
Søgetermer	Se søgestrategierne under de enkelte PICOs
Inklusions- og eksklusionskriterier	<p>Sprog: ingen afgræsning</p> <p>År: 2009 til januar 2020</p> <p>Population: voksne</p> <p>Publikationstyper: Systematiske reviews og metaanalyser</p>

Informationskilder

DATABASE	INTERFACE	DATO FOR SØGNING
Medline incl. Cochrane rev.	OVID	13.til 23. januar 2020
EMBASE incl. Cochrane rev.	OVID	13.til 23. januar 2020
Clinical Trials.gov	Internettet	13.til 23. januar 2020
PEDro	Internettet	13.til 23. januar 2020
Cinahl	EBSCO	14.til 23. januar 2020

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:

Sekundær PICO 1a og 1b

Medline (130120)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to January 10, 2020

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	1776
2	SAPS.mp.	3062
3	Shoulder Joint/ or shoulder joint*.mp.	20976
4	Shoulder Pain/ or shoulder pain*.mp.	8810
5	shoulder impingement*.mp.	2009
6	Rotator Cuff/ or rotator cuff*.mp.	12683
7	rotator cuff disease*.mp.	500
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	7397
9	non traumatic shoulder pain*.mp.	11
10	Supraspinatus* or supra-spinatus*.mp.	3518
11	physiotherap*.mp.	25344
12	exp Physical Therapy Modalities/ or Physical Therapy Modalitie*.mp.	148937
13	physical therap*.mp.	53514
14	Physical Therapy Modality.mp.	20
15	Physical Therapy speciality.mp.	9
16	Physical Therapy Specialty/	2780
17	(physiotherapy or physiotherapies).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	18816
18	rehabilitation*.mp. or Rehabilitation/	310645
19	exp Exercise Therapy/	48734
20	exercise*.mp. or *Exercise/ or Exercise Therapy/ or exp Exercise Test/	368482
21	exp Resistance Training/ or resistance training*.mp.	12433

22	strength training*.mp.	5003
23	stability training*.mp.	109
24	aquatic exercise*.mp.	348
25	(aqua therapy or aqua therapies).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	10
26	((systematic or method* or rapid or integrative or umbrella) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw,kf.	787914
27	(pooled adj1 (data or analys*)).ti,ab.	17429
28	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab.	221172
29	Cochrane.jw.	14884
30	26 or 27 or 28 or 29	871030
31	or/1-10	38865
32	or/11-25	736846
33	30 and 31 and 32	623
34	limit 33 to yr="2009 - 2020"	518

Embase (130120)

Database(s): **Embase** 1996 to 2020 Week 02

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	2793
2	SAPS.mp.	5550
3	Shoulder Joint/ or shoulder joint*.mp.	26868
4	Shoulder Pain/ or shoulder pain*.mp.	16651
5	shoulder impingement*.mp.	2875
6	Rotator Cuff/ or rotator cuff*.mp.	14934
7	rotator cuff disease*.mp.	550
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	6723
9	non traumatic shoulder pain*.mp.	11

10	Supraspinatus* or supra-spinatus*.mp.	4205
11	physiotherap*.mp.	94475
12	exp Physical Therapy Modalities/ or Physical Therapy Modalitie*.mp.	73468
13	physical therap*.mp.	30687
14	Physical Therapy Modality.mp.	38
15	Physical Therapy speciality.mp.	24
16	Physical Therapy Specialty/	71532
17	(physiotherapy or physiotherapies).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	80463
18	rehabilitation*.mp. or Rehabilitation/	280771
19	exp Exercise Therapy/	65751
20	exercise*.mp. or *Exercise/ or Exercise Therapy/ or exp Exercise Test/	425659
21	exp Resistance Training/ or resistance training*.mp.	19688
22	strength training*.mp.	6268
23	stability training*.mp.	166
24	aquatic exercise*.mp.	676
25	(aqua therapy or aqua therapies).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	19
26	((systematic or method* or rapid or integrative or umbrella) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	1023785
27	(pooled adj1 (data or analys*)).ti,ab.	26340
28	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab.	270387
29	Cochrane.jx.	21254
30	26 or 27 or 28 or 29	1131992
31	or/1-10	57447
32	or/11-25	729520
33	30 and 31 and 32	1081
34	limit 33 to yr="2009 - 2020"	920

PEDro (130120)

Søgt på:

Subacromial impingement and pain and exercise, and systematic review fra 2009 og frem.
og
Shoulder and pain and exercise and systematic review fra 2009 og frem.

I alt 37 referencer – lagt i RefWork – sorteret og overført til Covidence.

Cinahl (140120)

#	Query	Results
S20	S6 AND S14 AND S18	
Limiters - Published Date: 20090101-20201231 325		
S19	S6 AND S14 AND S18	408
S18	S15 OR S16 OR S17	322,418
S17	(pooled N1 (data or analys*))	8,161
S16	((systematic or method* or rapid or integrative) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)	311,799
S15	PT (Systematic Review or Meta Analysis)	86,800
S14	S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13	283,376
S13	"stability training"	97
S12	"exercise therap*" OR (MH "Therapeutic Exercise+") OR (MH "Aquatic Exercises")	48,989
S11	(MH "Resistance Training") OR "resistance training"	6,773
S10	(MH "Muscle Strengthening+") OR "strength training"	19,996
S9	physical therap*	60,713
S8	(MH "Physical Therapy+") OR "physiotherapy"	136,096
S7	(MH "Exercise+") OR "exercise"	180,076
S6	S1 OR S2 OR S3 OR S4 OR S5	14,677
S5	(MH "Rotator Cuff Injuries") OR (MH "Rotator Cuff+") OR "rotator cuff"	5,916
S4	(MH "Shoulder Impingement Syndrome") OR "schoulder impingement"	1,235
S3	shoulder impingement*	1,323
S2	(MH "Shoulder Pain") OR "shoulder pain" OR (MH "Shoulder Injuries+")	11,646
S1	shoulder pain*	5,123

Sekundær PICO 2

Medline (140120)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to January 13, 2020

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	1776
2	SAPS.mp.	3063
3	Shoulder Joint/ or shoulder joint*.mp.	20978
4	Shoulder Pain/ or shoulder pain*.mp.	8815
5	shoulder impingement*.mp.	2009
6	Rotator Cuff/ or rotator cuff*.mp.	12688
7	rotator cuff disease*.mp.	500
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	7400
9	non traumatic shoulder pain*.mp.	11
10	(supraspinatus* or supra-spinatus*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	3518
11	((systematic or method* or rapid or integrative or umbrella) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw,kf.	788424
12	(pooled adj1 (data or analys*)).ti,ab.	17441
13	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab.	221351
14	Cochrane.jw.	14885
15	11 or 12 or 13 or 14	871589
16	or/1-10	38865
17	Glucocorticoids/ or glucocorticoid*.mp.	109678
18	triamcinolone hexacetonid*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	354

19	Triamcinolone hexacetonide.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	354
20	Triamcinolone Acetonide/ or Triamcinolone Acetonid*.mp.	7043
21	exp Methylprednisolone/ or methylprednisolone*.mp.	25990
22	Betamethasone/ or betamethason*.mp.	7694
23	corticosteroid*.mp.	100980
24	injection*.mp.	722936
25	exp Injections/	280504
26	or/17-25	931965
27	15 and 16 and 26	228
28	limit 27 to yr="2009 - 2020"	185

Embase (140120)

Database(s): **Embase** 1996 to 2020 Week 02

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	2793
2	SAPS.mp.	5550
3	Shoulder Joint/ or shoulder joint*.mp.	26868
4	Shoulder Pain/ or shoulder pain*.mp.	16651
5	shoulder impingement*.mp.	2875
6	Rotator Cuff/ or rotator cuff*.mp.	14934
7	rotator cuff disease*.mp.	550
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	6723
9	non traumatic shoulder pain*.mp.	11
10	(supraspinatus* or supra-spinatus*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	4205
11	((systematic or method* or rapid or integrative or umbrella) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*.ti,ab,kw.	1023785

12	(pooled adj1 (data or analys*)).ti,ab.	26340
13	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab.	270387
14	Cochrane.jx.	21254
15	11 or 12 or 13 or 14	1131992
16	or/1-10	57447
17	Glucocorticoids/ or glucocorticoid*.mp.	105255
18	triamcinolone hexacetonid*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	741
19	Triamcinolone Acetonide/ or Triamcinolone Acetonid*.mp.	11045
20	exp Methylprednisolone/ or methylprednisolone*.mp.	82582
21	Betamethasone/ or betamethason*.mp.	15848
22	corticosteroid*.mp.	244017
23	injection*.mp.	591072
24	exp Injections/	159462
25	or/17-24	976143
26	15 and 16 and 25	442
27	limit 26 to yr="2009 - 2020"	368

Sekundær PICO 4a og 4b

Medline(230120)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to January 22, 2020

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	1778
2	SAPS.mp.	3065
3	Shoulder Joint/ or shoulder joint*.mp.	21013
4	Shoulder Pain/ or shoulder pain*.mp.	8823
5	shoulder impingement*.mp.	2012

6	Rotator Cuff/ or rotator cuff*.mp.	12700
7	rotator cuff disease*.mp.	500
8	rotator cuff syndrome.mp.	88
9	non traumatic shoulder pain*.mp.	11
10	(supraspinatus* or supra-spinatus*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	3520
11	((systematic or method* or rapid or integrative or umbrella) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw,kf.	790067
12	(pooled adj1 (data or analys*)).ti,ab.	17488
13	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab.	221837
14	Cochrane.jw.	14897
15	11 or 12 or 13 or 14	873369
16	or/1-10	38906
17	decompression*.mp. or exp Decompression/ or exp Decompression, Surgical/	58703
18	decompression surger*.mp.	2189
19	subacromial decompression*.mp.	529
20	surgical procedure*.mp.	410027
21	exp Decompression, Surgical/	29747
22	Surgical Procedures, Operative/	54406
23	Decompression, Surgical/	15224
24	or/17-23	463378
25	15 and 16 and 24	215
26	limit 25 to yr="2009 - 2020"	189

Embase (230120)

Database(s): **Embase** 1996 to 2020 Week 03

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	2799



2	SAPS.mp.	5555
3	Shoulder Joint/ or shoulder joint*.mp.	26913
4	Shoulder Pain/ or shoulder pain*.mp.	16675
5	shoulder impingement*.mp.	2881
6	Rotator Cuff/ or rotator cuff*.mp.	14960
7	rotator cuff disease*.mp.	551
8	rotator cuff syndrome.mp.	89
9	non traumatic shoulder pain*.mp.	11
10	(supraspinatus* or supra-spinatus*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	4213
11	(((systematic or method* or rapid or integrative or umbrella) adj3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*).ti,ab,kw.	1026265
12	(pooled adj1 (data or analys*).ti,ab.	26394
13	(pubmed or medline or embase or cochrane or "web of science" or psycinfo or psychinfo or scopus).ti,ab.	271346
14	Cochrane.jw.	21265
15	11 or 12 or 13 or 14	1134782
16	or/1-10	57540
17	decompression*.mp. or exp Decompression/ or exp Decompression, Surgical/	70155
18	decompression surger*.mp.	18158
19	subacromial decompression*.mp.	558
20	surgical procedure*.mp.	117863
21	exp Decompression, Surgical/	46205
22	Surgical Procedures, Operative/	430580
23	Decompression, Surgical/	16380
24	or/17-23	592259
25	15 and 16 and 24	499
26	limit 25 to yr="2009 - 2020"	446



Cinahl (230120)

#	Query	Results
S16	S12 AND S13 AND S14	
Limiters -	Published Date: 20090101-20191231	61
S15	S12 AND S13 AND S14	67
S14	S9 OR S10 OR S11	323,577
S13	S6 OR S7 OR S8	28,154
S12	S1 OR S2 OR S3 OR S4 OR S5	14,819
S11	(pooled N1 (data or analys*))	8,197
S10	PT (Systematic Review or Meta Analysis)	86,793
S9	((systematic or method* or rapid or integrative) N3 (review* or overview* or study or studies or search* or approach*)) or meta analy* or meta-analy* or metaanaly*)	312,948
S8	"surgical procedure*"	19,502
S7	"subacromial decompression*"	182
S6	(MH "Decompression, Surgical+") OR "decompression*"	9,009
S5	(MH "Rotator Cuff+") OR "rotator cuff*"	5,934
S4	(MH "Shoulder Impingement Syndrome") OR "shoulder impingement syndrome*"	1,271
S3	(MH "Shoulder Injuries+") OR "shoulder injuries*"	7,501
S2	(MH "Shoulder Pain") OR "shoulder pain"	5,119
S1	shoulder pain*	5,137