

## Søgeprotokol for Nationale Kliniske Retningslinjer

<b>Projekttitle</b>	NKR for behandling af patienter med subakromielt smertesyndrom i skulderen (impingement syndrom/rotator-cuff syndrom) - <b>Primær litteratur</b>
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<b>Senest opdateret</b>	16. marts 2020

<b>Baggrund</b>	<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>(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)</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>
<b>Søgetermer</b>	Se søgestrategierne under de enkelte PICO
<b>Inklusions- og eksklusionskriterier</b>	<p>Sprog: (Engelsk, dansk, norsk og svensk)          År: se det pågældende PICO          Population: voksne          Publikationstyper: randomiseret klinisk forsøg, RCT</p>

## Informationskilder

DATABASE	INTERFACE	DATO FOR SØGNING
Medline	OVID	9. til 13. marts 2020
EMBASE	OVID	9. til 13. marts 2020
Cinahl	EBSCO	9. til 13. marts 2020
PEEDro	Internettet	6. marts 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:

### Primær PICO 1a og b

#### Medline (090320)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to March 06, 2020

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	1790
2	SAPS.mp.	3093
3	Shoulder Joint/ or shoulder joint*.mp.	21169
4	Shoulder Pain/ or shoulder pain*.mp.	8915
5	shoulder impingement*.mp.	2029
6	Rotator Cuff/ or rotator cuff*.mp.	12872
7	rotator cuff disease*.mp.	506
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	7529
9	non traumatic shoulder pain*.mp.	11
10	supra-spinatus*.mp.	21
11	physiotherap*.mp.	25698
12	exp Physical Therapy Modalities/ or Physical Therapy Modalitie*.mp.	150099
13	physical therap*.mp.	54005
14	Physical Therapy Modality.mp.	21
15	Physical Therapy speciality.mp.	9
16	Physical Therapy Specialty/	2795
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]	19077
18	rehabilitation*.mp. or Rehabilitation/	313167
19	exp Exercise Therapy/	49266
20	exercise*.mp. or *Exercise/ or Exercise Therapy/ or exp Exercise Test/	372201
21	exp Resistance Training/ or resistance training*.mp.	12641

22	strength training*.mp.	5069
23	stability training*.mp.	111
24	aquatic exercise*.mp.	357
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	or/1-10	38619
27	or/11-25	743393
28	((((random* or cluster-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,kf.	653422
29	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	278930
30	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	170856
31	28 or 29 or 30	747233
32	26 and 27 and 31	1148
33	limit 32 to yr="2015 - 2020"	510

## EMBASE (090320)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to March 06, 2020

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	1790
2	SAPS.mp.	3093
3	Shoulder Joint/ or shoulder joint*.mp.	21169
4	Shoulder Pain/ or shoulder pain*.mp.	8915
5	shoulder impingement*.mp.	2029
6	Rotator Cuff/ or rotator cuff*.mp.	12872
7	rotator cuff disease*.mp.	506
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	7529
9	non traumatic shoulder pain*.mp.	11

10	supra-spinatus*.mp.	21
11	physiotherap*.mp.	25698
12	exp Physical Therapy Modalities/ or Physical Therapy Modalitie*.mp.	150099
13	physical therap*.mp.	54005
14	Physical Therapy Modality.mp.	21
15	Physical Therapy speciality.mp.	9
16	Physical Therapy Specialty/	2795
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]	19077
18	rehabilitation*.mp. or Rehabilitation/	313167
19	exp Exercise Therapy/	49266
20	exercise*.mp. or *Exercise/ or Exercise Therapy/ or exp Exercise Test/	372201
21	exp Resistance Training/ or resistance training*.mp.	12641
22	strength training*.mp.	5069
23	stability training*.mp.	111
24	aquatic exercise*.mp.	357
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	or/1-10	38619
27	or/11-25	743393
28	(((random* or cluster-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.	651340
29	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	278930
30	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	170856
31	28 or 29 or 30	745414
32	26 and 27 and 31	1145
33	(books or chapter or conference abstract or "conference review" or editorial or letter).pt.	1584358
34	32 not 33	1137
35	limit 34 to yr="2015 - 2020"	502

## Cinahl (090320)

Query	Limiters/Expanders	
S17	S13 AND S14 AND S15 Limiters - Published Date: 20150101-20201231	366
S16	S13 AND S14 AND S15	829
S15	S11 OR S12	463,430
S14	S6 OR S7 OR S8 OR S9 OR S10	276,505
S13	S1 OR S2 OR S4 OR S5	14,875
S12	(placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))	100,563
S11	((((random* or cluster-random* or controlled or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)	453,872
S10	stability training*	99
S9	(MH "Therapeutic Exercise+") OR "exercise therap*" OR (MH "Aquatic Exercises")	49,608
S8	(MH "Muscle Strengthening+") OR "strength training*" OR (MH "Resistance Training")	20,257
S7	"physiotherap*" OR (MH "Physical Therapy+")	140,423
S6	(MH "Exercise+") OR (MH "Resistance Training") OR "exercise"	192,126
S5	(MH "Rotator Cuff+") OR (MH "Rotator Cuff Injuries") OR "rotator cuff"	6,012
S4	(MH "Shoulder Impingement Syndrome") OR (MH "Shoulder Injuries+")	8,362
S3	(MH "Shoulder Pain")	3,652
S2	shoulder impingement*	1,332
S1	shoulder pain*	5,179

## PEDro (060320)

Søgt på:

Subacromial impingement and pain and exercise, and clinical trial fra 2015 og frem.  
og  
Shoulder and pain and exercise and clinical trial fra 2015 og frem.

I alt 23 referencer – lagt i RefWork – sorteret og overført til Covidence.

## Primær PICO 2

### Medline (130320)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to March 12, 2020

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	1791
2	SAPS.mp.	3103
3	Shoulder Joint/ or shoulder joint*.mp.	21187
4	Shoulder Pain/ or shoulder pain*.mp.	8935
5	shoulder impingement*.mp.	2032
6	Rotator Cuff/ or rotator cuff*.mp.	12896
7	rotator cuff disease*.mp.	510
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	7543
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]	3553
11	or/1-10	39335
12	Glucocorticoids/ or glucocorticoid*.mp.	110542
13	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	354

	word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	
14	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
15	Triamcinolone Acetonide/ or Triamcinolone Acetonid*.mp.	7093
16	exp Methylprednisolone/ or methylprednisolone*.mp.	26171
17	Betamethasone/ or betamethason*.mp.	7744
18	corticosteroid*.mp.	101874
19	injection*.mp.	727015
20	exp Injections/	281271
21	or/12-20	937714
22	(((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	683792
23	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	278562
24	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	170510
25	22 or 23 or 24	771435
26	11 and 21	2237
27	25 and 26	542
28	limit 27 to yr="2017 - 2020"	129

## Embase (130320)

Database(s): **Embase** 1996 to 2020 Week 10

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	2823
2	SAPS.mp.	5587
3	Shoulder Joint/ or shoulder joint*.mp.	27184
4	Shoulder Pain/ or shoulder pain*.mp.	16853
5	shoulder impingement*.mp.	2906
6	Rotator Cuff/ or rotator cuff*.mp.	15126



7	rotator cuff disease*.mp.	554
8	Rotator Cuff Injuries/ or rotator cuff tear*.mp.	6826
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]	4247
11	or/1-10	58126
12	Glucocorticoids/ or glucocorticoid*.mp.	106406
13	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]	746
14	Triamcinolone hexacetonide.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]	746
15	Triamcinolone Acetonide/ or Triamcinolone Acetonid*.mp.	11131
16	exp Methylprednisolone/ or methylprednisolone*.mp.	83411
17	Betamethasone/ or betamethason*.mp.	15976
18	corticosteroid*.mp.	246218
19	injection*.mp.	596234
20	exp Injections/	159296
21	or/12-20	985109
22	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	856491
23	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	321722
24	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	186041
25	22 or 23 or 24	952450
26	11 and 21	4752
27	25 and 26	804
28	limit 27 to yr="2017 - 2020"	201

## Prim. PICO 4 a og b

### Medline (100320)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to March 09, 2020

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	1790
2	SAPS.mp.	3094
3	Shoulder Joint/ or shoulder joint*.mp.	21174
4	Shoulder Pain/ or shoulder pain*.mp.	8917
5	shoulder impingement*.mp.	2030
6	Rotator Cuff/ or rotator cuff*.mp.	12875
7	rotator cuff disease*.mp.	506
8	rotator cuff syndrome.mp.	89
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]	3551
11	or/1-10	39278
12	decompression*.mp. or exp Decompression/ or exp Decompression, Surgical/	59198
13	decompression surger*.mp.	2247
14	subacromial decompression*.mp.	534
15	surgical procedure*.mp.	412848
16	exp Decompression, Surgical/	30058
17	Surgical Procedures, Operative/	54538
18	Decompression, Surgical/	15378
19	or/12-18	466637
20	(((random* or cluster-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,kf.	653758
21	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	278205
22	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	170305

23	20 or 21 or 22	746480
24	11 and 19 and 23	231
25	limit 24 to yr="2018 - 2020"	52

## Embase (100320)

Database(s): **Embase** 1996 to 2020 Week 10

Search Strategy:

#	Searches	Results
1	Shoulder Impingement Syndrome/ or subacromial pain syndrome*.mp.	2823
2	SAPS.mp.	5587
3	Shoulder Joint/ or shoulder joint*.mp.	27184
4	Shoulder Pain/ or shoulder pain*.mp.	16853
5	shoulder impingement*.mp.	2906
6	Rotator Cuff/ or rotator cuff*.mp.	15126
7	rotator cuff disease*.mp.	554
8	rotator cuff syndrome.mp.	90
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]	4247
11	or/1-10	58126
12	decompression*.mp. or exp Decompression/ or exp Decompression, Surgical/	70877
13	decompression surger*.mp.	18349
14	subacromial decompression*.mp.	561
15	surgical procedure*.mp.	119033
16	exp Decompression, Surgical/	46650
17	Surgical Procedures, Operative/	436147
18	Decompression, Surgical/	16555
19	or/12-18	599464
20	(((random* or cluster-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.	816656
21	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	321722

22	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	186041
23	20 or 21 or 22	920525
24	11 and 19 and 23	514
25	limit 24 to yr="2018 - 2020"	118

## Cinahl (100320)

#	Query - Results	
S16	S8 AND S9 AND S14	
	Limiters - Published Date: 20180101-20201231	29
S15	S8 AND S9 AND S14	85
S14	S10 OR S11 OR S12 OR S13	28,536
S13	decompression*	8,775
S12	surgical procedure*	19,797
S11	(MH "Decompression, Surgical+")	4,986
S10	subacromial decompression*	186
S9	S6 OR S7	463,732
S8	S1 OR S2 OR S3 OR S4 OR S5	14,889
S7	(placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*)))	100,609
S6	((random* or cluster-random* or controlled or crossover or crossover or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)	454,173
S5	(MH "Rotator Cuff+") OR (MH "Rotator Cuff Injuries") OR "rotator cuff"	6,022
S4	(MH "Shoulder Impingement Syndrome") OR (MH "Shoulder Injuries+")	8,365
S3	(MH "Shoulder Pain")	3,652
S2	shoulder impingement*	1,335
S1	shoulder pain*	5,182