

Bilag 1: Søgestreng Embase, Medline, Cochrane

Tabel: søgning Embase:

<b>Population: Diagnosticeret med SAPS</b>	<b>Intervention: Kirurgisk behandling</b>	<b>Comparison: Konservativ behandling</b>	<b>Outcome: Smerte og funktion</b>
Exp shoulder impingement syndrome/ Hits: 4373  Shoulder impingement Hits: 4609  Subacromial impingement Hits: 1570  Subacromial impingement syndrome Hits: 916  Shoulder impingement syndrome Hits: 4501  Subacromial pain syndrome Hits: 310  Rotator cuff tendinopathy Hits 726  Rotator cuff syndrome Hits: 205  SAPS Hits: 8842  SIS Hits: 14150	Exp surgery / rh (rehabilitation) Hits: 4193  Exp decompression surgery / rh (rehabilitation) Hits: 13  Shoulder surgery Hits: 7447  Shoulder surgical treatment hits: 13  Shoulder arthroscopic Hits: 364  Subacromial decompression hits: 818  Acromioplasty hits: 1503	Exp exercise / Hits: 588470  Exercise therapy Hits: 11813  Physiotherapy Hits: 165332  Physical therapy Hits: 56179  Rehabilitation Hits: 571398  Therapeutic exercise Hits: 2972  Exercise based treatment Hits: 102  Conservative treatment Hits: 159277  Nonoperative treatment Hits: 5941	Exp shoulder pain / Hits: 26671  Exp arm function / Hits: 21713  Shoulder function Hits: 4566  Shoulder disability Hits: 485  Shoulder function score Hits: 78  Shoulder outcome Hits: 240  pain score Hits: 37360  Patient reported outcome Hits: 104795
Kombineret med 'OR' Hits: 28161	Kombineret med 'OR' Hits: 13472	Kombineret med 'OR' Hits: 1342196	Kombineret med 'OR' Hits: 190660
Kombineret med 'AND' Samlet hits: 189			

Tabel: søgning Medline

<b>Population: Diagnosticeret med SAPS</b>	<b>Intervention: Kirurgisk behandling</b>	<b>Comparison: Konservativ behandling</b>	<b>Outcome: Smerte og funktion</b>
<p>Exp shoulder impingement syndrom Hits: 2103</p> <p>Shoulder impingement.mp. Hits: 2510</p> <p>Subacromial impingement.mp. Hits: 1119</p> <p>Subacromial impingement syndrome.mp. Hits: 605</p> <p>Rotator cuff tendinopathy.mp. Hits: 511</p> <p>Rotator cuff syndrome.mp. Hits: 131</p> <p>Subacromial pain syndrome.mp. Hits: 230</p> <p>SAPS.mp Hits: 4693</p> <p>SIS.mp. Hits: 10578</p>	<p>Exp surgery / Hits: 41984</p> <p>Exp decompression surgery/ Hits: 1395</p> <p>Shoulder surgery Hits: 2720</p> <p>Shoulder surgical treatment hits: 5</p> <p>Shoulder arthroscopic Hits: 263</p> <p>Subacromial decompression hits: 657</p> <p>Acromioplasty hits: 725</p>	<p>Exp exercise / Hits: 284087</p> <p>Exercise therapy Hits: 60720</p> <p>Physiotherapy Hits: 32759</p> <p>Physical therapy Hits: 67890</p> <p>Rehabilitation Hits: 424294</p> <p>Therapeutic exercise Hits: 1907</p> <p>Exercise based treatment Hits: 73</p> <p>Conservative treatment Hits: 45152</p> <p>Nonoperative treatment Hits: 5092</p>	<p>Exp shoulder pain / Hits: 6663</p> <p>Shoulder function Hits: 3672</p> <p>Shoulder disability Hits: 340</p> <p>Shoulder function score Hits: 58</p> <p>Shoulder outcome Hits: 200</p> <p>Pain score Hits: 21207</p> <p>Patient reported outcome Hits: 39496</p>
<p>Kombineret med 'OR' Hits: 18507</p>	<p>Kombineret med 'OR' Hits: 47443</p>	<p>Kombineret med 'OR' Hits: 802220</p>	<p>Kombineret med 'OR' Hits: 69987</p>
<p>Kombineret med 'AND' Samlet hits: 58</p>			

Tabel: Søgning Cochrane

<b>Population: Diagnosticeret med SAPS</b>	<b>Intervention: Kirurgisk behandling</b>	<b>Comparison: Konservativ behandling</b>	<b>Outcome: Smerte og funktion</b>
<p>MeSH (shoulder impingement syndrome) exp all trees Hits: 578</p> <p>"shoulder impingement" Hits: 1003</p> <p>"subacromial impingement" Hits: 480</p> <p>"subacromial impingement syndrome" Hits: 384</p> <p>"Shoulder impingement syndrome" Hits: 5</p> <p>"Subacromial pain syndrome" Hits 156</p> <p>"Rotator cuff tendinopathy" Hits: 301</p> <p>"Rotator cuff syndrome" Hits: 73</p> <p>SAPS Hits: 839</p> <p>SIS Hits: 1212</p>	<p>MeSH (decompression) exp all trees Hits: 277</p> <p>"Shoulder surgery" Hits: 1453</p> <p>"Shoulder surgical treatment" Hits: 1</p> <p>"Shoulder arthroscopic" Hits: 174</p> <p>"Subacromial decompression" Hits: 183</p> <p>Acromioplasm* Hits: 184</p>	<p>MeSH (exercise) explode all trees Hits: 42085</p> <p>"Exercise therapy" Hits: 21317</p> <p>"Physiotherapy" Hits: 26821</p> <p>"Physical therapy" Hits: 23012</p> <p>"Rehabilitation" Hits: 97281</p> <p>"Therapeutic exercises" Hits: 643</p> <p>Exercis* Hits: 173813</p> <p>"Exercise based treatment" Hits: 36</p> <p>"Conservative treatment" Hits: 7762</p> <p>"Nonoperative treatment" Hits: 934</p>	<p>MeSH (shoulder pain) explode all trees Hits: 1615</p> <p>MeSH (shoulder) Explode all trees Hits: 1029</p> <p>"Shoulder function" Hits: 1000</p> <p>"Shoulder disability" Hits: 201</p> <p>"Shoulder function score" Hits: 42</p> <p>"Shoulder outcome" Hits: 43</p> <p>"pain score" Hits: 22066</p> <p>"Patient reported outcome" Hits: 13682</p>

Kombineret med 'OR' Hits 3315	Kombineret med 'OR' Hits 2083	Kombineret med 'OR' Hits 260058	Kombineret med 'OR' Hits 38615
Kombineret med 'AND' Samlet hits: 46			

## Bilag: AMSTAR 2 results

### AMSTAR 2 Results

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### Subacromial decompression surgery for adults with shoulder pain: a systemat is a Low quality review

<b>1. Did the research questions and inclusion criteria for the review include the components of PICO?</b>	Yes Yes Yes Yes Yes Yes
<b>2. Did the report of the review contain an explicit statement that the review methods were established prior to the conduct of the review and did the report justify any significant deviations from the protocol?</b>	YesYesYesYesYesYesYes
<b>3. Did the review authors explain their selection of the study designs for inclusion in the review?</b>	Yes  Yes
<b>4. Did the review authors use a comprehensive literature search strategy?</b>	Yes Yes Yes Yes Yes Yes Yes Yes
<b>5. Did the review authors perform study selection in duplicate?</b>	Yes Yes
<b>6. Did the review authors perform data extraction in duplicate?</b>	Yes Yes

<b>7. Did the review authors provide a list of excluded studies and justify the exclusions?</b>	Partial Yes Yes
<b>8. Did the review authors describe the included studies in adequate detail?</b>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
<b>9. Did the review authors use a satisfactory technique for assessing the risk of bias (RoB) in individual studies that were included in the review?</b> RCT	Yes
<b>NRSI</b>	0 Yes Yes Yes
<b>10. Did the review authors report on the sources of funding for the studies included in the review?</b>	No
<b>11. If meta-analysis was performed did the review authors use appropriate methods for statistical combination of results?</b> RCT	Yes
<b>NRSI</b>	0 Yes Yes Yes
<b>12. If meta-analysis was performed, did the review authors assess the potential impact of RoB in individual studies on the results of the meta-analysis or other evidence synthesis?</b>	Yes Yes Yes
<b>13. Did the review authors account for RoB in individual studies when interpreting/ discussing the results of the review?</b>	Yes Yes
<b>14. Did the review authors provide a satisfactory explanation for, and discussion of, any heterogeneity observed in the results of the review?</b>	No Yes
<b>15. If they performed quantitative synthesis did the review authors carry out an adequate investigation of publication bias (small study bias) and discuss its likely impact on the results of the review?</b>	No
<b>16. Did the review authors report any potential sources of conflict of interest, including any funding they received for conducting the review?</b>	Yes Yes

To cite this tool: Shea BJ, Reeves BC, Wells G, Thuku M, Hamel C, Moran J, Moher D, Tugwell P, Welch V, Kristjansson E, Henry DA. AMSTAR 2: a critical appraisal tool for systematic reviews that include randomised or non-randomised studies of healthcare interventions, or both. *BMJ*. 2017 Sep 21;358:j4008.

<b>AMSTAR 2 – Questions</b>	<b>Justification for the assessment</b>
Item 1: Did the research questions and inclusion criteria for the review include the components of PICO?	<ul style="list-style-type: none"> <li>• Alle PICO-komponenter er tydeligt beskrevet i abstract og metodeafsnit</li> </ul>
Item 2: Did the report of the review contain an explicit statement that the review methods were established prior to conduct of the review and did the report justify any significant deviations from the protocol?	<ul style="list-style-type: none"> <li>• Reviewet er forudregistreret i PROSPERO (CRD42018086862)</li> </ul>
Item 3: Did the review authors explain their selection of the study designs for inclusion in the review?	<ul style="list-style-type: none"> <li>• RCT'er inkluderes til vurdering af effekt</li> <li>• Ikke-randomiserede studier (NRSI) inkluderes til vurdering af bivirkninger (harms)</li> </ul>
Item 4: Did the review authors use a comprehensive literature search strategy?	<ul style="list-style-type: none"> <li>• 5+ databaser</li> <li>• Trialregistre</li> <li>• Grå litteratur</li> <li>• Referencesøgning</li> </ul>
Item 5: Did the review authors perform study selection in duplicate?	<ul style="list-style-type: none"> <li>• Studieudvælgelse af 2 uafhængige reviewere</li> <li>• Uenigheder løst ved diskussion/3. reviewer</li> </ul>
Item 6: Did the review authors perform data extraction in duplicate?	<ul style="list-style-type: none"> <li>• Dataekstraktion af 2 uafhængige reviewere</li> <li>• Uenigheder løst ved diskussion/3. reviewer</li> </ul>
Item 7: Did the review authors provide a list of excluded studies and justify the exclusions?	<ul style="list-style-type: none"> <li>• PRISMA flowchart viser eksklusioner</li> <li>• Overordnede eksklusionsgrunde angivet</li> <li>• Screeningproces (titel/abstract/full-text) illustreret</li> </ul>
Item 8: Did the review authors describe the included studies in adequate detail?	<ul style="list-style-type: none"> <li>• PICO beskrevet</li> <li>• RCT + NRSI</li> <li>• Follow-up angivet</li> </ul>
Item 9: Did the review authors use a satisfactory technique for assessing the risk of bias (RoB) in individual studies that were included in the review?	<ul style="list-style-type: none"> <li>• Cochrane RoB 2.0</li> <li>• 2 reviewere</li> <li>• Centrale bias-domæner</li> <li>• Outcome-specifik vurdering</li> </ul>
Item 10: Did the review authors report on the sources of funding for the studies included in the review?	<ul style="list-style-type: none"> <li>• Ingen systematisk funding-oplysning</li> <li>• Ikke rapporteret for alle studier</li> </ul>

<p>Item 11: If meta-analysis was justified did the review authors use appropriate methods for statistical combination of results?</p>	<ul style="list-style-type: none"> <li>• Random-effects + SMD</li> <li>• Heterogenitet vurderet</li> <li>• Sensitivitetsanalyser</li> <li>• RCT-data</li> </ul>
<p>Item 12: If meta-analysis was performed did the review authors assess the potential impact of RoB in individual studies on the results of the meta-analysis or other evidence synthesis?</p>	<ul style="list-style-type: none"> <li>• Variable RoB</li> <li>• Bias påvirkning vurderet</li> <li>• GRADE</li> </ul>
<p>Item 13: Did the review authors account for RoB in individual studies when interpreting/ discussing the results of the review?</p>	<ul style="list-style-type: none"> <li>• RoB indgår i diskussion</li> <li>• GRADE</li> <li>• Bias påvirker fortolkning</li> </ul>
<p>Item 14: Did the review authors provide a satisfactory explanation for, and discussion of, any heterogeneity observed in the results of the review?</p>	<ul style="list-style-type: none"> <li>• Heterogenitet målt</li> <li>• Diskuteret</li> <li>• Ikke analyseret tilstrækkeligt</li> </ul>
<p>Item 15: If they performed quantitative synthesis did the review authors carry out an adequate investigation of publication bias (small study bias) and discuss its likely impact on the results of the review?</p>	<ul style="list-style-type: none"> <li>• Ingen funnel plot / test</li> <li>• Begrundelse: få studier</li> </ul>
<p>Item 16: Did the review authors report any potential sources of conflict of interest, including any funding they received for conducting the review?</p>	<ul style="list-style-type: none"> <li>• Ingen interessekonflikter</li> <li>• Funding oplyst</li> </ul>