


**HTA-centrum**

HTA-stöd till nationella arbetsgrupper (NAG)  
inom nationella programområden (NPO)

Supportdokument 2025:14  
2025-11-11



# **NAG Knäledsartros – Proteskirurgi – Supportdokument från HTA- centrum**

NPO: Rörelseorganens sjukdomar

NAG: Knäledsartros

Sjukdomstillstånd: Knäledsartros, proteskirurgi

## Deltagare

### **NAG**

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Roger Johansson, patientföreträdare, Västra Götalandsregionen

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Ove Oksvold, specialist i allmänmedicin, Region Stockholm

### **HTA-centrum**

Therese Svanberg, Västra Götalandsregionen, Sahlgrenska Universitetssjukhuset, Medicinska biblioteket

# HTA-centrum VGR och Medicinska biblioteket SU:s stöd till Nationella Arbetsgrupper (NAG)

HTA-centrum VGR och Medicinska biblioteket SU ger stöd till arbetet i NAG för de [Nationella Programområden \(NPO\)](#) som Västra sjukvårdsregionen har värdskap för.

- Bibliotekets stöd innebär att i samråd med NAG söka efter nationella och internationella medicinska riktlinjer och i vissa fall systematiska översikter och vetenskapliga originalartiklar. NAG väljer sedan riktlinjer/systematiska översikter/vetenskapliga artiklar som underlag för sin genomlysning av kunskapsläget och utformar kunskapsstöd.
- HTA-centrums stöd innebär vidare metodologisk support till arbetsgrupperna genom korta seminarier och workshops med utbildning i granskning av metodologisk kvalitet i medicinska riktlinjer och systematiska översikter/vetenskapliga artiklar.
- HTA-centrum granskar inte de riktlinjer/systematiska översikter/vetenskapliga artiklar som Nationella arbetsgrupper använder för att genomlysa kunskapsläget och granskar inte sakinnehållet i det kunskapsstöd respektive NAG producerar.

Litteratursökning sker enligt de fyra första stegen i den inventering av befintliga kunskapsstöd som beskrivs i det generiska ramverket: [Metodboken-Generiskt-Ramverk-v1.7-2025-06-26.pdf](#)

Undersök vilka kunskapsstöd som redan finns på det aktuella området. Inventeringen genomförs i ett till fem steg beroende på tillgången till underlag. NAG bedömer hur många steg som behöver genomföras för att få ett bra underlag för rekommendationerna. En förutsättning för denna hierarki är att underlagen har hög kvalitet och är aktuella. NAG gör avväganden om funnet material är inaktuellt och inte kan användas. Brister det underlag som identifieras i kvalitet eller ej är aktuellt går man vidare nedåt i hierarkin.

1. I första hand används kunskapsunderlag och rekommendationer som utarbetats nationellt.
2. I andra hand används internationella rekommendationer (guidelines).
3. I tredje hand sammanställningar av forskning (systematic reviews/systematiska översikter). Så kallade Reviews/Reviewartiklar (till skillnad från systematic reviews) ska undvikas eftersom de inte utarbetas med en systematisk arbetsmetodik.
4. I fjärde hand kan enskilda vetenskapliga studier identifieras, granskas och vägas samman. Regionala HTA-organisationer kan ge stöd i arbetet (se mer information nedan).
5. I sista hand används insamlad beprövad erfarenhet. Finns ett begränsat antal studier kan dessa kombineras med beprövad erfarenhet. **Detta stöttar HTA-centrum inte med.**

## Support till denna NAG:

NAG Knäledsartros hade den 23 februari 2024 ett möte med bibliotekarie från HTA-centrum för att prata om frågeställning, få information om vad HTA-centrum kan stötta med samt komma överens om en tidsplan.

Efter överenskommelse har NAG sedan fått hjälp med tre olika litteratursökningar efter systematiska översikter och/eller originalartiklar inom tre olika delfrågor, se bilaga 2. Ingen sökning efter riktlinjer eller stöd med granskning efterfrågades.

## Litteratursökning/Inventering av kunskapsstöd:

- Nivå 1 (bilaga 1)
- Nivå 2 (bilaga 1)
- Nivå 3 (bilaga 2)
- Nivå 4 (bilaga 2)

## HTA-centrum har introducerat arbetsgruppen till följande verktyg via workshops eller föreläsningar:

- AGREE 2
- SNABBSTAR
- ROBIS
- Artikelgranskningsmallar
- GRADE för det vetenskapliga underlaget
- Utformning av rekommendationer

## Bilaga 2: Dokumentation sökning systematiska översikter och originalstudier NAG Knäledsartros, delfråga Manual mobilisation

**Datum: 2024-03-11**

**Sökfråga: "Manual mobilisation" efter proteskirurgi vid knäledsartros**

**Eventuella avgränsningar**

**Språk:** Engelska, svenska, danska, norska

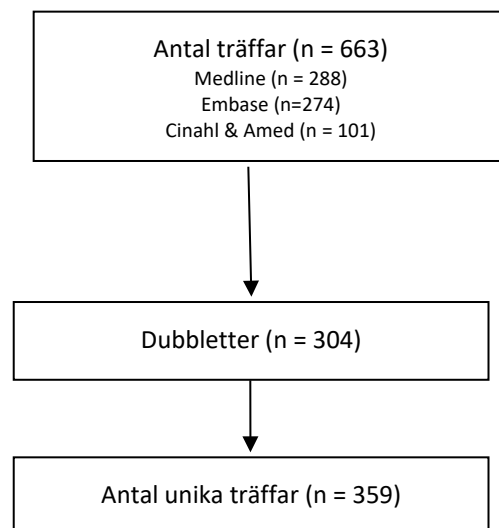
**Tid:** Ingen begränsning

**Studietyper:** Ingen begränsning

**Sökresultat: 359 ref**

**Databaser som använts: Medline, Embase, CINAHL, AMED**

**Sökstrategi:** se sid 2-



## Sökhistorik

**Databas:** Ovid MEDLINE(R) ALL (OvidSP)

**Datum:** 2024-03-11

**Antal träffar:** 288 ref

#	Searches	Results
1	exp Arthroplasty, Replacement, Knee/ or exp Knee Prosthesis/	38658
2	(UKA or TKA or TKR).ab,kf,ti.	21110
3	exp Knee Joint/ or exp Knee/	85823
4	knee.ab,kf,ti.	182809
5	3 or 4	201711
6	Joint Prosthesis/ or "Prostheses and Implants"/	60763
7	(arthroplas* or replace* or implant* or prosthes*).ab,kf,ti.	1041792
8	6 or 7	1060986
9	5 and 8	59003
10	1 or 2 or 9	64179
11	((passive or manual or assisted or facilitator or facilitated or facilitation) adj5 (movement\$ or exercise\$ or therap\$ or training or stretch or stretching or mobilisation or mobilization or elongation)).ab,kf,ti.	29116
12	(musculoskeletal manipulation* or manual therapy or manual therapies or osteopathic manipulation* or osteopath* or tissue mobilization* or tissue mobilisation* or tissue compression* or joint mobilization* or joint mobilisation* or joint compression* or knee mobilization* or knee mobilisation* or mobilization with movement* or mobilisation with movement* or mulligan* or manual tract* or chiropract* or neuromuscular technique* or neuromuscular facilitation or neuromuscular therapy massage or massage manipulation* or articular mobilization* or articular mobilisation* or contract relax* or contraction relax* or neurodynamic technique* or post-isometric relax* or muscle energy technique* or Maitland or Mckenzie* or Cyriax* or Kaltenborn* or Evjent* or Butler* or Simons* or Travell* or strain counterstrain or Jones* or Chaitow* or deep tissue body or myofascial release).ab,kf,ti.	55284
13	musculoskeletal manipulations/ or manipulation, chiropractic/ or manipulation, osteopathic/	4554
14	11 or 12 or 13	81760
15	10 and 14	339
<b>16</b>	<b>limit 15 to (danish or english or norwegian or swedish)</b>	<b>288</b>

**Databas:** Embase 1974 to 2024 March 11 (OvidSP)

**Datum:** 2024-03-12

**Antal träffar:** 274 ref

#	Searches	Results
1	exp *knee arthroplasty/ or exp *total knee arthroplasty/ or exp *knee replacement/ or exp *knee prosthesis/	31627
2	(UKA or TKA or TKR).ab,kf,ti.	24881
3	knee/	76508
4	knee.ab,kf,ti.	234150
5	3 or 4	247982
6	exp *arthroplasty/ or exp *replacement arthroplasty/ or *joint prosthesis/ or *prosthesis/	79121
7	(arthroplas* or replace* or implant* or prosthes*).ab,kf,ti.	1373350
8	6 or 7	1381878
9	5 and 8	73831

10	1 or 2 or 9	77499
11	musculoskeletal manipulation/ or exp chiropractic manipulation/ or exp osteopathic manipulation/	1711
12	((passive or manual or assisted or facilitator or facilitated or facilitation) adj5 (movement\$ or exercise\$ or therap\$ or training or stretch or stretching or mobilisation or mobilization or elongation)).ab,kf,ti.	38793
13	(musculoskeletal manipulation* or manual therapy or manual therapies or osteopathic manipulation* or osteopath* or tissue mobilization* or tissue mobilisation* or tissue compression* or joint mobilization* or joint mobilisation* or joint compression* or knee mobilization* or knee mobilisation* or mobilization with movement* or mobilisation with movement* or mulligan* or manual tract* or chiropract* or neuromuscular technique* or neuromuscular facilitation or neuromuscular therapy massage or massage manipulation* or articular mobilization* or articular mobilisation* or contract relax* or contraction relax* or neurodynamic technique* or post-isometric relax* or muscle energy technique* or Maitland or Mckenzie* or Cyriax* or Kaltenborn* or Evjent* or Butler* or Simons* or Travell* or strain counterstrain or Jones* or Chaitow* or deep tissue body or myofascial release).ab,kf,ti.	67386
14	11 or 12 or 13	100945
15	10 and 14	474
16	limit 15 to (embase or medline)	355
17	animal/ not (animal/ and human/)	1212165
18	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or porcine or horses or horse).ti.	2308305
19	17 or 18	3241861
20	16 not 19	348
21	limit 20 to (article or article in press or conference paper or "review")	344
<b>22</b>	<b>limit 21 to (danish or english or norwegian or swedish)</b>	<b>274</b>

**Databas: CINAHL och AMED (samsök) via EBSCOhost Research databases**

Datum: 2024-03-11

Antal träffar: 101 ref

#	Query	Limiters/Expanders	Last Run Via	Results
		Automatic deduplication in EBSCOhost		<b>101</b>
		Limit to Academic journals		128
S10	S5 AND S8	Expanders - Apply related words; Apply equivalent subjects Narrow by Language: - english Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	141
S9	S5 AND S8	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	160
S8	S6 OR S7	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	50,372

S7	<p>TI ( "musculoskeletal manipulation*" OR "manual therapy" OR "manual therapies" OR "osteopathic manipulation*" OR osteopath* OR "tissue mobilization*" OR "tissue mobilisation*" OR "tissue compression*" OR "joint mobilization*" OR "joint mobilisation*" OR "joint compression*" OR "knee mobilization*" OR "knee mobilisation*" OR "mobilization with movement*" OR "mobilisation with movement*" OR mulligan* OR "manual tract*" OR chiropract* OR "neuromuscular technique*" OR "neuromuscular facilitation" OR "neuromuscular therapy massage" OR "massage manipulation*" OR "articular mobilization*" OR "articular mobilisation*" OR "contract relax*" OR "contraction relax*" OR "neurodynamic technique*" OR "post-isometric relax*" OR "muscle energy technique*" OR Maitland OR Mckenzie* OR Cyriax* OR Kaltenborn* OR Evjent* OR Butler* OR Simons* OR Travell* OR "strain counterstrain" OR Jones* OR Chaitow* OR "deep tissue body" OR "myofascial release" ) OR AB ( "musculoskeletal manipulation*" OR "manual therapy" OR "manual therapies" OR "osteopathic manipulation*" OR osteopath* OR "tissue mobilization*" OR "tissue mobilisation*" OR "tissue compression*" OR "joint mobilization*" OR "joint mobilisation*" OR "joint compression*" OR "knee mobilization*" OR "knee mobilisation*" OR "mobilization with movement*" OR "mobilisation with movement*" OR mulligan* OR "manual tract*" OR chiropract* OR "neuromuscular technique*" OR "neuromuscular facilitation" OR "neuromuscular therapy massage" OR "massage manipulation*" OR "articular mobilization*" OR "articular mobilisation*" OR "contract relax*" OR "contraction relax*" OR "neurodynamic</p>	<p>Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms</p>	<p>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database</p>	38,664
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	technique*" OR "post-isometric relax*" OR "muscle energy technique*" OR Maitland OR Mckenzie* OR Cyriax* OR Kaltenborn* OR Evjent* OR Butler* OR Simons* OR Travell* OR "strain counterstrain" OR Jones* OR Chaitow* OR "deep tissue body" OR "myofascial release" )			
S6	TI ( ((passive OR manual OR assisted OR facilitator OR facilitated OR facilitation) N4 (movement* OR exercise* OR therap* OR training OR stretch OR stretching OR mobilisation OR mobilization OR elongation)) ) OR AB ( ((passive OR manual OR assisted OR facilitator OR facilitated OR facilitation) N4 (movement* OR exercise* OR therap* OR training OR stretch OR stretching OR mobilisation OR mobilization OR elongation)) )	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	16,386
S5	S1 OR S4	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	28,646
S4	S2 AND S3	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	27,593
S3	TI ( arthroplas* OR replace* OR implant* OR prosthes* ) OR AB ( arthroplas* OR replace* OR implant* OR prosthes* )	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	210,784
S2	TI knee OR AB knee	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	91,735
S1	TI ( UKA or TKA or TKR ) OR AB ( UKA or TKA or TKR )	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	9,930

## Bilaga 2: Dokumentation sökning systematiska översikter och originalstudier NAG Knäledsartros, delfråga Compression

**Datum: 2024-02-27**

**Sökfråga: Kompressionsstrumpa efter proteskirurgi**

**Eventuella avgränsningar**

**Språk:** Engelska, svenska, danska, norska

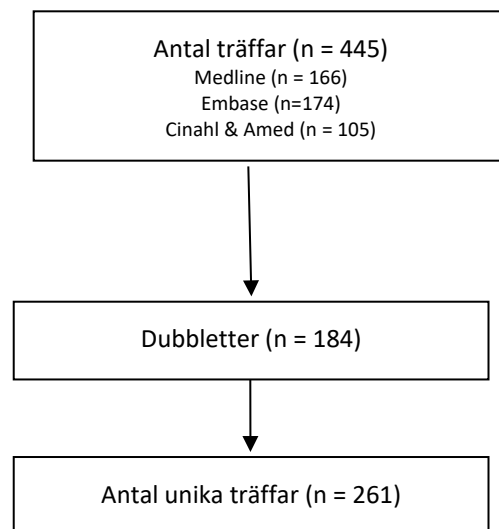
**Tid:** Ingen begränsning

**Studietyp:** Ingen begränsning

**Sökresultat: 261 ref**

**Databaser som använts: Medline, Embase, CINAHL, AMED**

**Sökstrategi:** se sid 2-



## Sökhistorik

**Databas:** Ovid MEDLINE(R) ALL (OvidSP)

**Datum:** 2024-02-27

**Antal träffar:** 166 ref

#	Searches	Results
1	exp Arthroplasty, Replacement, Knee/ or exp Knee Prosthesis/	38603
2	(UKA or TKA or TKR).ab,kf,ti.	21017
3	exp Knee Joint/ or exp Knee/	85726
4	knee.ab,kf,ti.	182326
5	3 or 4	201215
6	Joint Prosthesis/ or "Prostheses and Implants"/	60739
7	(arthroplas* or replace* or implant* or prosthes*).ab,kf,ti.	1040229
8	6 or 7	1059423
9	5 and 8	58826
10	1 or 2 or 9	64001
11	compression bandages/ or stockings, compression/	2943
12	(compression adj4 (garment* or dressing* or bandage* or therapy)).ab,kf,ti.	4023
13	stocking*.ab,kf,ti.	6629
14	11 or 12 or 13	11440
15	10 and 14	186
16	(comment or editorial or letter).pt.	2229826
<b>17</b>	<b>limit 15 to (danish or english or norwegian or swedish)</b>	<b>166</b>

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**Databas:** Embase 1974 to 2024 February 29 (OvidSP)

**Datum:** 2024-02-27

**Antal träffar:** 174 ref

#	Searches	Results
1	exp knee arthroplasty/ or exp total knee arthroplasty/ or exp knee replacement/ or exp knee prosthesis/	50827
2	(UKA or TKA or TKR).ab,kf,ti.	24746
3	knee/	76420
4	knee.ab,kf,ti.	233461
5	3 or 4	247286
6	exp arthroplasty/ or exp replacement arthroplasty/ or joint prosthesis/ or prosthesis/	147130
7	(arthroplas* or replace* or implant* or prosthes*).ab,kf,ti.	1369690
8	6 or 7	1399962
9	5 and 8	75685
10	1 or 2 or 9	84995
11	exp *compression garment/ or *compression bandage/	2099
12	(compression adj4 (garment* or dressing* or bandage* or therapy)).ab,kf,ti.	6003
13	stocking*.ab,kf,ti.	9440
14	11 or 12 or 13	15201

15	10 and 14	222
16	limit 15 to (embase or medline)	177
<b>17</b>	<b>limit 16 to (article or article in press or conference paper or note or "review")</b>	<b>174</b>

**Databas: CINAHL och AMED (samsök) via EBSCOhost Research databases**

Datum: 2024-02-27

Antal träffar: 105 ref

#	Query	Limiters/Expanders	Last Run Via	Results
<b>S10</b>	<b>S5 AND S8</b>	<b>Expanders - Apply related words; Apply equivalent subjects Narrow by Language: - danish Narrow by Language: - english Search modes - Find all my search terms</b>	<b>Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database</b>	<b>105</b>
S9	S5 AND S8	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	116
S8	S6 OR S7	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	7,716
S7	TI stocking* OR AB stocking* OR SU stocking*	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	1,390
S6	TI ( (compression N4 (garment* or dressing* or bandage* or therapy)) ) OR AB ( (compression N4 (garment* or dressing* or bandage* or therapy)) ) OR SU ( (compression N4 (garment* or dressing* or bandage* or therapy)) )	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	6,928
S5	S1 OR S4	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	34,034
S4	S2 AND S3	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	33,723
S3	TI ( arthroplas* or replace* or implant* or prosthes* )	Expanders - Apply related words; Apply equivalent	Interface - EBSCOhost Research Databases	264,450

	OR AB ( arthroplas* or replace* or implant* or prosthes* ) OR SU ( arthroplas* or replace* or implant* or prosthes* )	subjects Search modes - Find all my search terms	Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	
S2	TI knee OR AB knee OR SU knee	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	106,340
S1	TI ( UKA or TKA or TKR ) OR AB ( UKA or TKA or TKR ) OR SU ( UKA or TKA or TKR )	Expanders - Apply related words; Apply equivalent subjects Search modes - Find all my search terms	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL;AMED - The Allied and Complementary Medicine Database	9,907

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## Bilaga 2: Dokumentation sökning systematiska översikter och originalstudier NAG Knäledsartros, delfråga Antikoagulantia

**Datum: 2024-03-01**

**Sökfråga: Proteskirurgi knäledsartros och antikoagulantia**

**Eventuella avgränsningar**

**Språk:** Engelska, svenska, danska, norska

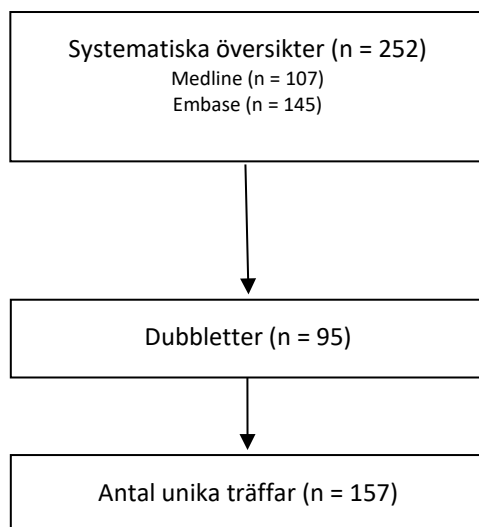
**Tid:** Ingen begränsning

**Studietyp:** Systematiska översikter

**Sökresultat: 157 systematiska översikter**

**Databaser som använts: Medline, Embase**

**Sökstrategi:** se sid 2-



## Sökhistorik systematiska översikter

**Databas:** Ovid MEDLINE(R) ALL (OvidSP)

**Datum:** 2024-03-01

**Antal träffar:** 107 ref

#	Searches	Results
1	exp Arthroplasty, Replacement, Knee/ or exp Knee Prosthesis/	38614
2	(UKA or TKA or TKR).ab,kf,ti.	20798
3	exp Knee Joint/ or exp Knee/	85764
4	knee.ab,kf,ti.	180898
5	3 or 4	199794
6	Joint Prosthesis/ or "Prostheses and Implants"/	60745
7	(arthroplas* or replace* or implant* or prosthes*).ab,kf,ti.	1033305
8	6 or 7	1052501
9	5 and 8	58367
10	1 or 2 or 9	63533
11	anticoagulants/ or blood coagulation factor inhibitors/ or heparin, low-molecular-weight/ or antithrombins/ or exp fibrinolytic agents/ or exp platelet aggregation inhibitors/ or exp Aspirin/ or exp Heparin/ or exp Factor Xa Inhibitors/ or Dual Anti-Platelet Therapy/	324883
12	((Platelet or antiplatelet or antithrombotic or anticoagula\$) adj3 (Antiaggregation or inhibit\$ or treatment or therapy or drug)).ab,kf,ti.	78384
13	(anticoagula\$ or anti-coagula\$ or (Thrombin adj2 Inhibitor\$) or anti-thromb\$ or antithromb\$ or antiplatelet\$ or anti-platelet\$).ab,kf,ti.	181408
14	(NOAC or DOAC).ab,kf,ti.	4893
15	(Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadiol or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or bepagant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or clentiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxypine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glycolalicin or glycyL-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserin or lamifiban or linsidomine or magnolol or Milrinone or N-acetylsphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibrade or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or sarpogrelate or Satigrel or Sevoflurane or sibrafiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trapidil or trequinsin or triflavin or triflusal or trilineolein or vapirost or vorapaxar or xemilofiban).ab,kf,ti.	156759
16	(Abciximab or Acenocoumarol or acid citrate dextrose or Ancrod or antistatin or Antithrombin or antivitamins K or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or beta 2-Glycoprotein I or betrixaban or bivalirudin or Blood Coagulation Factor Inhibitors or bromadiolone or bromfenacoum or certoparin or chlorophacinone or citrate phosphate dextrose or clocoumarol or coumachlor or CPDA solutions or Dabigatran or Dalteparin or danaparoid or darexaban or Dermatan Sulfate or desirudin or dextrans or Dicoumarol or difenacoum or Edetic Acid or edoxaban or efegatran or eisenstasin or Enoxaparin or Ethyl Biscoumacetate or ferulic acid or fibrinogen fragment X or fluidione or Fondaparinux or fucoidan or FX 2212 or Gabexate or glucuronyl glucosamine glycan sulfate or Heparin or Heparinoids or Hirudins or idrabiotaparinux or idraparinux or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or lipoprotein-associated coagulation inhibitor or melagatran or moxicoumone or Nadropanin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatechualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopheryloquinone or troxerutin or Warfarin or ximelagatran).ab,kf,ti.	159369
17	11 or 12 or 13 or 14 or 15 or 16	528954
18	10 and 17	2360
19	(animals not (animals and humans)).sh.	5165876

20	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or porcine or horses or horse).ti.	2129867
21	19 or 20	5587371
22	18 not 21	2336
23	(comment or editorial or letter).pt.	2218802
24	22 not 23	2161
25	limit 24 to yr="2014 -Current"	924
26	limit 25 to (danish or english or norwegian or swedish)	882
27	Meta-Analysis.pt.	196046
28	Meta-analysis/ or Systematic review/ or exp Meta-analysis as topic/ or Systematic Reviews as Topic/ or exp Technology assessment, biomedical/	380164
29	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ab,kf,ti.	346871
30	((quantitative adj3 (review* or overview* or syntheses*) or (research adj3 (integrati* or overview*))).ab,kf,ti.	16679
31	((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ab,kf,ti.	41188
32	(data syntheses* or data extraction* or data abstraction*).ab,kf,ti.	43489
33	(handsearch* or hand search*).ab,kf,ti.	11428
34	(mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ab,kf,ti.	37347
35	(met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ab,kf,ti.	12715
36	(meta regression* or metaregression*).ab,kf,ti.	15670
37	(meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw.	499080
38	(medline or cochrane or pubmed or medlars or embase or cinahl).ab,hw,ti.	366017
39	(cochrane or (health adj2 technology assessment) or evidence report).jw.	21819
40	(comparative adj3 (efficacy or effectiveness)).ab,kf,ti.	18391
41	(outcomes research or relative effectiveness).ab,kf,ti.	11540
42	((indirect or indirect treatment or mixed-treatment) adj comparison*).ab,kf,ti.	3033
43	or/27-42	724309
<b>44</b>	<b>26 and 43</b>	<b>107</b>

**Databas: Embase** 1974 to 2024 February 29 (OvidSP)

**Datum:** 2024-03-01

**Antal träffar:** 145 ref

#	Searches	Results
1	exp knee arthroplasty/ or exp total knee arthroplasty/ or exp knee replacement/ or exp knee prosthesis/	50883
2	(UKA or TKA or TKR).ab,kf,ti.	24788
3	knee/	76448
4	knee.ab,kf,ti.	233655
5	3 or 4	247480
6	exp arthroplasty/ or exp replacement arthroplasty/ or joint prosthesis/ or prosthesis/	147266
7	(arthroplas* or replace* or implant* or prosthes*).ab,kf,ti.	1370932
8	6 or 7	1401212

9	5 and 8	75757
10	1 or 2 or 9	85074
11	exp *anticoagulant agent/ or exp *blood clotting inhibitor/ or exp *low molecular weight heparin/ or *antithrombin/ or exp *fibrinolytic agent/ or exp *thrombin inhibitor/ or exp *antithrombocytic agent/ or *acetylsalicylic acid/ or *heparin/ or exp *blood clotting factor 10a inhibitor/ or *dual antiplatelet therapy/	334376
12	((Platelet or antiplatelet or antithrombotic or anticoagula\$) adj3 (Antiaggregation or inhibit\$ or treatment or therapy or drug)).ab,kf,ti.	121288
13	(anticoagula\$ or anti-coagula\$ or (Thrombin adj2 Inhibitor\$) or anti-thromb\$ or antithromb\$ or antiplatelet\$ or anti-platelet\$).ab,kf,ti.	287187
14	(NOAC or DOAC).ab,kf,ti.	10386
15	(Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadiol or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or bepagant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or clentiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxyphine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glycolalicin or glycyl-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserine or lamifiban or linsidomine or magnolol or Milrinone or N-acetylsphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibrade or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or sarpogrelate or Satigrel or Sevoflurane or sibrifiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trapidil or trequinsin or triflavin or triflusal or trilineolein or vapirost or vorapaxar or xemilofiban).ab,kf,ti.	225683
16	(Abciximab or Acenocoumarol or acid citrate dextrose or Ancrod or antistatin or Antithrombin or antivitamin K or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or beta 2-Glycoprotein I or betrixaban or bivalirudin or Blood Coagulation Factor Inhibitors or bromadiolone or bromfenacoum or certoparin or chlorophacinone or citrate phosphate dextrose or clocoumarol or coumachlor or CPDA solutions or Dabigatran or Dalteparin or danaparoid or darexaban or Dermatan Sulfate or desirudin or dextrans or Dicumarol or difenacoum or Edetic Acid or edoxaban or efegatran or eisenstasin or Enoxaparin or Ethyl Biscoumacetate or ferulic acid or fibrinogen fragment X or fluindione or Fondaparinux or fucoidan or FX 2212 or Gabexate or glucuronyl glucosamine glycan sulfate or Heparin or Heparinoids or Hirudins or idrabiotaparinux or idraparinux or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or lipoprotein-associated coagulation inhibitor or melagatran or moxicoumone or Nadropanin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatechualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopherylquinone or troxerutin or Warfarin or ximelagatran).ab,kf,ti.	225649
17	11 or 12 or 13 or 14 or 15 or 16	721885
18	10 and 17	3647
19	limit 18 to (embase or medline)	2751
20	animal/ not (animal/ and human/)	1211621
21	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or porcine or horses or horse).ti.	2306432
22	20 or 21	3239482
23	19 not 22	2736
24	limit 23 to (danish or english or norwegian or swedish)	2457
25	limit 24 to yr="2014 -Current"	1103
26	exp meta analysis/ or "systematic review"/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or biomedical technology assessment/	664138
27	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ab,kf,ti.	426867
28	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ab,kf,ti.	19551
29	((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ab,kf,ti.	58365
30	(data syntheses* or data extraction* or data abstraction*).ab,kf,ti.	53294
31	(handsearch* or hand search*).ab,kf,ti.	13995

32	(mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ab,kf,ti.	49769
33	(met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ab,kf,ti.	21752
34	(meta regression* or metaregression*).ab,kf,ti.	19431
35	(meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw.	787395
36	(medline or cochrane or pubmed or medlars or embase or cinahl).ab,hw,ti.	481430
37	(cochrane or (health adj2 technology assessment) or evidence report).jx.	31807
38	(comparative adj3 (efficacy or effectiveness)).ab,kf,ti.	27203
39	(outcomes research or relative effectiveness).ab,kf,ti.	16688
40	((indirect or indirect treatment or mixed-treatment) adj comparison*).ab,kf,ti.	5791
41	or/26-40	1051848
<b>42</b>	<b>25 and 41</b>	<b>145</b>

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