

Kliniska riktlinjer som innefattar ortopedtekniska lösningar i Sverige

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OTB Dialogmöte - Stockholm 220426

Syfte – från 2019

- Saknar systematiskt arbete runt evidensfrågor
- Andra vård/hälso professioner har liknande arbetsgrupper
- Träffade första gången den 6:e september 2018
- Överens att börja jobba med detta och har fått resurser från OTB och respektive arbetsgivare

Vision – från 2019

- ...att samla in och presentera evidens inom det ortopedtekniska området.
- Vara delaktig i Socialstyrelsens framtagning av nationella riktlinjer
- Synliggöra och stötta ortopedteknisk evidens inom svensk hälso- sjukvård

Gruppmedlemmar

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2022

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OTB-Evidensgrupp

24:e maj, 2019

Stockholm

OTB Dialogmöte och vårmöte



11. NORDISKE BANDAGIST KONGRES
KØBENHAVN 6.-8. SEPTEMBER 2018

CLINICAL GUIDELINES FOR ORTHOTIC TREATMENT OF OSTEOARTHRITIS OF THE KNEE: A REVIEW WITH A NORDIC PERSPECTIVE

NOK 2018 - Copenhagen

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Systematic Review

Nordic clinical guidelines for orthotic treatment of osteoarthritis of the knee: A systematic review using the AGREE II instrument

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1–8

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APPRAISAL OF GUIDELINES FOR RESEARCH & EVALUATION II



AGREE II

INSTRUMENT

II. Structure and Content of the AGREE II

The AGREE II consists of 23 key items organized within 6 domains followed by 2 global rating items ("Overall Assessment"). Each domain captures a unique dimension of guideline quality.

Domain 1. Scope and Purpose is concerned with the overall aim of the guideline, the specific health questions, and the target population (items 1-3).

Domain 2. Stakeholder Involvement focuses on the extent to which the guideline was developed by the appropriate stakeholders and represents the views of its intended users (items 4-6).

Domain 3. Rigour of Development relates to the process used to gather and synthesize the evidence, the methods to formulate the recommendations, and to update them (items 7-14).

Domain 4. Clarity of Presentation deals with the language, structure, and format of the guideline (items 15-17).

Domain 5. Applicability pertains to the likely barriers and facilitators to implementation, strategies to improve uptake, and resource implications of applying the guideline (items 18-21).

Domain 6. Editorial Independence is concerned with the formulation of recommendations not being unduly biased with competing interests (items 22-23).

Overall assessment includes the rating of the overall quality of the guideline and whether the guideline would be recommended for use in practice.

1 Strongly Disagree	2	3	4	5	6	7 Strongly Agree
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Table 1. Summary characteristics of the reviewed CPGs.

Country of publication	Finland	Sweden	Denmark	Norway
Format	Web-based (multiple) or printed (multiple)	Web-based (multiple)	Web-based (multiple) or printed (multiple)	Web-based (single) or printed (single)
# Web pages	3	12	2	1
# Printed documents	2	12	2	1
Year of publication	2014	2012	2012	2015
Intended user	Professionals in primary or specialist healthcare	Individual providers, professionals, patients and organizational managers	Individual providers, professionals, patients and organizational managers	Individuals responsible for resource distribution
Orthotic interventions outlined	Foot and knee orthoses	Foot and knee orthoses	Foot and knee orthoses	Foot and knee orthoses
Main recommendation(s) for orthotic treatment	(1) Use of a knee orthosis can reduce pain and improve range-of-motion of the knee; (2) a rigid knee orthosis is most appropriate when symptomatic medial OA of the knee is present; (3) use of a foot orthosis with a lateral wedge does not reduce pain or increase range of-motion of the knee; (4) use of a foot orthosis with a medial wedge reduces pain and increases range-of-motion of the knee	(1) Use of a rigid knee orthosis is not recommended; (2) use of a soft knee orthosis is not recommended; (3) the use of medially and laterally wedged insoles should not be used routinely. They should be utilized in research and development where systematic routines exist for follow-up	(1) Use of a supinating foot orthosis with a medial wedge can reduce pain and improve physical function (based on controlled non-randomized study); (2) use of a pronating foot orthosis with a lateral wedge can reduce pain and improve physical function (based on consensus on good clinical practice); (3) use of rigid and soft knee orthoses are not recommended	(1) No specific orthotic intervention recommendation. Though, physical activity and pain control recommended as goals of appropriate conservative interventions
References utilized in recommendation	35–49	35,36,38,50,51	18,38,46,52–57	Not stated

CPG: clinical practice guideline; OA: osteoarthritis.

'Format' refers to the distribution format of the CPG, either as a printed document or its availability as an online resource. '# Web Pages' and '#

Clinical guidelines for prosthetics and orthotics in Sweden: concordance between national guidelines and agreement with regional guidelines

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Socialstyrelsen

Regionerna



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1	2	3	4	5	6	7
Strongly Disagree						Strongly Agree

Rating	Signification
Similar (1)	Over 80% similar with IWGDF recommendations
Partially similar (2)	20 – 80% similar to IWGDF recommendations
Different (3)	Less than 20% similar with IWGDF recommendations or totally different
Absent (4)	Not discussed or presented

“The aims of this study are to examine the quality of national CPGs in the area of P&O, and; quantify the congruence between national guidelines and the agreement with regional CPGs in Sweden.”

Vad finns för riktlinjer inom Ortopedteknik från Socialstyrelsen?

n=3 riktlinjer

n=9 rekommendationer

*Stroke, Diabetes, Rörelseorganens
sjukdomar*

AGREE II

The five assessors demonstrated "good" concordance in their assessment of the Musculoskeletal disorders CPG, $W = 0.586$, $p < 0.001$ and $W=0.586$, $p < 0.001$ for the Stroke CPG and "strong" concordance for the Diabetes CPG, $W = 0.635$, $p < 0.001$. (Moslem et al. 2019)

Generellt hög (>70) domain scores

Nationella och regionella riktlinjer

National Guideline	#	Page	Row/ID	Condition	Intervention	Stockholm	Jönköping	Gotland	Blekinge	Västra- götalands	Gävleborg	Norrbottn
Rörelseorganens sjukdomar	1	39	A3:5	Osteoarthritis of the knee	Orthosis	+	+	+	-	+	++	+

"++" indicates similarity between the national and regional guideline, "+" indicates partial similarity between the national and regional guideline, "-" indicates no similarity between the national and regional guideline or that it is not present in the regional guideline, "D" would indicate a difference between the national and regional guideline (none present in current results).

Slutsatserna

- 3 av 18 nationella riktlinjer har rekommendationer som handlar om ortopedteknik
- Kvalitet på utvecklingen (quality of development) var relativt sett högt.
- Nationella och regionella riktlinjer hade låg “agreement”

Nästa steg?

- Publicering av arbetet

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- Utvärdering och väg framåt

Tack från oss!

Ulla Hellstrand Tang

Gustav Jarl

Marie Eriksson

G. Anton Johannesson

David F. Rusaw



JÖNKÖPING UNIVERSITY

School of Health and Welfare