



Abstract for Global Evidence Summit congress 2017

Report on the 'pre' and 'post' peer review questionnaire on 'assessment and treatment of gonarthrosis'

Stappaerts Karel, De Schutter Fons, Zwaenepoel Bruno, Maquet Didier

Background

Prevalence for gonarthrosis rises strongly with age, especially in obese females (+65 yrs: 23%). Assessment and treatment of this group is a challenge for the PT.

Objectives

To evaluate whether peer consultation contributes to enhancement of knowledge, skills and attitude when applying the guideline 'knee arthrosis'.

Methods

In the context of the Belgian Quality Enhancement System, 322 PT's enrolled in peer review consultations concerning assessment and treatment of knee arthrosis, after explanation by an expert on the 'guideline knee arthrosis'.

A pre- and 60 days post- peer review 9-item questionnaire was filled out by the participants. The questions, on which answers were graded by the Likert-scale, dealt with assessment (4 questions), treatment skills and attitude (4 questions) and attitude towards written report for the prescribing physician.¹

Results

Macro level analysis showed improvement on all the questioned items, e.g. knowledge, skills and attitude towards the peer review. Differences between 1st and 2nd questionnaire were relevant on the $p = 0,01$ -level.²

Conclusion

Organising peer reviews on assessment and treatment of gonarthrosis, and we might add, as on other medical problems, is a valuable technique to improve the competences of PT's.

¹ Stappaerts K. Rapport over de bevraging vóór en na peer review 'gonartrose'. Zaventem: Pro-Q-Kine, 2015: 6p

² Losina E. et al. Lifetime risk and age of diagnosis of symptomatic knee osteoarthritis in de US. *Arthritis Care Res (Hoboken)*, 2013, 65(5):10/1002/acr.21898