A SCOPING REVIEW ON MEASURES OF 'ILLNESS PERCEPTION AND BEHAVIOUR' FOR PEOPLE WITH KNEE PAIN/OSTEOARTHRITIS

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INTRODUCTION / AIM
To identify validated measures that capture illness perception and behaviour and have been used to assess people who have knee pain/osteoarthritis.

METHODS

A scoping review was performed. Nine electronic databases were searched for records from inception through April 19, 2015. Search terms included illness perception, illness behaviour, knee, pain, osteoarthritis, and their related terms. This review included English language publications of primary data on people with knee pain/osteoarthritis who were assessed with validated measures capturing any of four components of illness perception and behaviour: monitor body, define and interpret symptoms, take remedial action, and utilize sources of help. Seventy-one publications included relevant measures. Two reviewers independently coded and analyzed each relevant measure within the four components.

RESULTS

Sixteen measures were identified that capture components of illness perception and behaviour in the target population. These measures were originally developed to capture constructs that include coping strategies/skills/styles, illness belief, illness perception, self-efficacy, and pain behaviour. Coding results indicated that five, eleven, twelve and five percent of these measures included the monitor body, define and interpret symptoms, take remedial action, and utilize sources of help components, respectively.

DISCUSSION / CONCLUSIONS

Several validated measures were interpreted as capturing some components, and only one measure was interpreted as capturing all of the components of illness perception and behavior in the target population. A measure that comprehensively captures illness perception and behavior could be valuable for informing and evaluating therapy for patients along a continuum of symptomatic knee osteoarthritis. Further, this paper provides a useful resource for clinicians and researcher when selecting measures to assess illness perception and behavior in the target population of people with knee pain/osteoarthritis.

OTHER AUTHORS

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