Reviewer's report

Title: Outcomes of arthroscopic debridement of isolated Ligamentum Teres tears using the iHOT-33

Version: 1 Date: 24 Oct 2017

Reviewer: Jerry Tsang

Reviewer's report:

This paper reports the outcomes of an increasingly popular Orthopaedic procedure. This is well-performed study and has clinical relevance. It is reasonably well presented, with satisfactory English. I would recommend that the authors address the following issues and resubmit to "BMC Musculoskeletal Disorders."

Abstract

Results

Please report the improvement of the iHOT-33 in relation to its minimum clinically important difference.

Materials and Methods

Lines 43 and 44

Please re-phrase to avoid starting a sentence with a number

Line 52

Please provide the median period of follow-up or demonstrate that the follow-up periods in this study follow a normal distribution.
Results

1. Is a control group available? Perhaps a cohort of conservatively managed ligamentum teres tears proven on MRI could be used.

2. Please report the improvement of the iHOT-33 in relation to its minimum clinically important difference.

3. How did the investigators differentiate the effect on the iHOT-33 following synovectomy and RFA of the ligamentum teres?

Lines 104 and 105

Please provide the 95% confidence intervals with you mean pre- and post-op iHOT-33 scores.

It would be of clinical interest to know whether the improvement in iHOT-33 was uniform or whether it was related to pre-op score. Are the authors able to provide this analysis?

Are the methods appropriate and well described?  
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?  
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?  
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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