Reviewer's report

Title: Brucellosis presenting as piriformis myositis: a case report

Version: 1 Date: 14 September 2010

Reviewer: Salih Ozgocmen

Which of the following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: No

Is the anonymity of the patient protected?: Yes

Comments to authors:

This paper reports a rare case of Brucella myositis in a very rare location. The paper is well presented I have only a few comments:

1- Authors should clarify MRI scans, it seems that inflammation extends the borders of R. piriformis muscle and involves a little bit R. M. Gluteus minimus. It is difficult with only one axial scan to conclude that this is isolated piriformis myositis.

2- You noted “Physical examination revealed a painful hip movement, without any other significant abnormality.” Please clarify is there any signs of sciatalgia since this edema will possibly cause sciatic nerve entrapment syndrome.

3- The authors should not omit some of valid literature PMID 11808992
Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests