Reviewer's report

Title: Primary muscular cystic hydatidosis: case report

Version: 1 Date: 7 October 2006

Reviewer: Nefise Cagla Tarhan

Reviewer's report:

General
This manuscript describes a case of hydatid cyst of adductor muscles diagnosed with imaging techniques and specific serological tests. Since muscle hydatidosis is rare, and the new serological methods in this case are very helpful in the diagnosis, I think it will be educational to readers. It should be accepted after minor revisions.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
1) First of all the English of the manuscript needs to be edited by a native English speaker who understands medical literature because, some of the sentences are too long and hard to follow. Some terms are not used as they usually appear in the medical literature.
2) On figure 1, MRI sequence used needs to be written on figure legend for readers to follow and as they mentioned that the thin wall shows contrast enhancement, it would be better to also give the precontrast T1-weighted image from the same localization to show the enhancement.
3) I think with these MRI images, hydatid cyst should be the first choice of differential diagnosis even though the patient had no hydatid cysts in liver or lungs. The authors in discussion said, "MRI of the thigh were not diriment for diagnosis". Would they please explain here what they meant? I understand that although MRI and US are suggestive of hydatid cyst of muscle in this case, the initial serological tests did not confirm the diagnosis. Is this what they meant here?
In background section, 30th line, "bicep" should be "biceps".

Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No

Declaration of competing interests:
'I declare that I have no competing interests'