Reviewer's report

Title: A displaced stress fracture of the femoral neck in an adolescent female distance runner with female athlete triad: a case report

Version: 1 Date: 7 December 2009

Reviewer number: 3

Reviewer's report:

This article reports detailed description about the stress fracture of the femoral neck. This description is meticulous and worthwhile accepting as a case report from the point of orthopaedic surgery, but from the point of sports medicine this description is not enough.

The following information should be added.
1. The running distance of the patient was about 100 km per week. This is the average distance as a long distance runner. Please write the road surface at the time of running as well as the running speed.
2. Running form also is the very important factor for the analysis of the stress fracture.
3. The author measured the BMD of the left calcaneal bone not the femoral neck with DEXA. When this measurement was performed? Why the author did not measure the BMD of the opposite femoral neck?
4. When and why did the author remove the femoral neck screws (Hansson Pin), though the patient is still active as a distance runner.
5. The explanations of fig. 3 and fig.4 should be reversed.

Level of interest: An article of limited interest

Quality of written English: Acceptable