Author's response to reviews

Title: Treatment of a femoral shaft fracture in a patient with congenital hip disease: a case report

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Author's response to reviews: see over
EDITORIAL REQUESTS

1. The abstract has been restructured according to the guidelines (introduction, case presentation, conclusion)

2. Introduction has been added, following the abstract

3. All dates and other information have been removed from the text and the figures

4. All changes have been highlighted with yellow color

5. Point by point answer to reviewers requests followes

REVIEWER F Llobet

Reviewer’s report needs no further comment by the authors. We are very pleased by his comments

REVIEWER P Torner

We are also very pleased by his comments. We give the following answers to his comments for discussion:

1. In an isolated femoral fracture of this type, treated with a locked nail, weight bearing is allowed as tolerated by the patient immediately postop. Also, in a primary hip arthroplasty, well fixed, weight bearing is free. In our case, there are two points of concern that delayed weight bearing: a) the presence of fixed autograft and b) the reduction of the fracture using cerclage wires. An additional concern is that the patient was used to walk with a fixed hip joint and had to get familiar with the feeling of range of movement.

2. It is absolutely correct that the fracture is spiral, 32A1 according to AO-OTA classification. We feel grateful for this comment

3. Opening at the fracture site was necessary in order to provide anatomic reduction and use cerclage wires. In the case of isolated femoral fracture of this type, treated with a locked nail, anatomic reduction would not be necessary, and these types of injuries are treated, in our department, without exposure of the fracture site. We take care, in this situation only about length, apposition and rotation. Also in the cases of periprosthetic fractures, treated with long stems anatomic reduction is essential for proper stability, ingrowth and longevity of the implant.

We took the above mentioned comments under consideration, and added briefly the necessary information in the text marked with yellow color