Author's response to reviews

Title: Neck fracture of a cementless forged titanium alloy femoral stem following Total Hip Arthroplasty: a case report and review of the literature.

Authors:

Theodoros B Grivas (grivastb@panafonet.gr)
Olga D Savvidou (olgasavvidou@gmail.com)
Spyridon A Psarakis (psarakis_s@yahoo.gr)
Evangelos A Magnissalis (info@bioengineering.gr)
George Triantafyllopoulos (geotriantas@ath.forthnet.gr)
Ioannis Kovanis (kovanisb@teemail.gr)
Panagiotis Alexandropoulos (panos72g@hotmail.com)

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Dear Sir,

This case report describes a fracture of the neck of a cementless forged titanium alloy stem coated in the proximal third with hydroxy-apatite, an event so far unreported. Fracture of the femoral stem was a frequent complication of first-generation, forged stainless steel or casted cobalt chrome femoral components for total hip arthroplasty. With the development of superalloys and femoral stems made of forged cobalt-chromium-molybdenum or titanium alloys in the 1980s, this complication became rarer. Although fractures of the neck of the femoral component have been reported in uncemented total hip replacements no fractures of the neck of a cementless forged titanium alloy femoral stem coated in the proximal third with hydroxy-apatite have been reported.

I hope that this work meets the high standards of your prestigious journal.

Sincerely yours