Reply to comments on: Partial weightbearing is not necessary after cementless total hip arthroplasty

Max Markmiller • Gerhard Konrad

Received: 4 November 2011 / Accepted: 11 November 2011 / Published online: 6 December 2011
© Springer-Verlag 2011

Dear Editor,

We thank the author and his colleagues for the valuable remarks and reasonable questions concerning our article [1].

To minimise errors due to positioning of the patient we measured the width of the cup entrance to realise tilting malalignments in positioning of the patients. Furthermore, we measured the diameter of the cup to correct differences in magnification. These steps were taken to ensure minimal errors and accurate and reliable results. Nevertheless, we already mentioned in the limitations that variability in patient positioning or exposure may have led to errors in the measurement of shaft migration.

In our institution digital imaging was not yet available at the time of the study, so no software was used for analysis. We do not think this is a real limitation of the study, but of course further investigations would use digital tools for possibly greater accuracy.

We did no analysis for Dorr types in our patients. The average age of the patients was 61 years. Patients above 70 years and/or a Dorr type C received a cemented stem following our treatment algorithm, so we are not able to present reliable percentage rates of cementless implant migration in this Dorr type C group. The missing preoperative analysis of the Dorr type may be a limitation of the study and should be included in further investigations.

References

1. Markmiller M, Weiss T, Kreuz P, Rüter A, Konrad G (2011) Partial weightbearing is not necessary after cementless total hip arthroplasty: a two-year prospective randomized study on 100 patients. *Int Orthop* 35(8):1139–1143

M. Markmiller
Orthopaedic and Trauma Surgery, Klinikum Kempten,
Kempten, Germany

G. Konrad (✉)
Orthopaedic and Trauma Surgery, KKH Erding,
Erding, Germany
e-mail: gerhard.konrad@kkh-erding.de