



Letter to the Editor

Letter to the Editor: Developmental Dislocation of the Hip Successfully Treated by Preoperative Traction and Medial Open Reduction: A 22-year Mean Followup

Atilla Citlak MD, Muhittin Sener MD

We read the article by Farsetti et al. [1] with great interest. Their study evaluated the long-term results of medial open reduction in the treatment of developmental dysplasia of the hip. The authors concluded that medial open reduction is a safe procedure with

satisfactory results in patients up to the age of 36 months [1].

Although we appreciate the work by Farsetti and colleagues, we have some concerns. In their study, the age groups lack homogeneity. We also found patient selection bias [1]. Group 3 consisted of 11 patients (18 hips) who were 25 to 36 months old at the time of operation, equaling 25% of all hips in the study. The authors observed avascular necrosis in 44% of these hips [1]. This rate is higher than the other groups in the study. Additionally, it is well-known that medial open reduction is associated with a higher incidence of secondary procedures in children older than 18 months to 24 months of age [2, 3].

We would like to thank Farsetti and colleagues for this paper. However, we do not agree with the their conclusions due to the high avascular necrosis rate and need for secondary procedures in children 25 to 36 months old. We believe that medial open reduction should be used in children up to the age of 18 months to 24 months.

(RE: Farsetti P, Caterini R, Potenza V, Ippolito E. Developmental dislocation of the hip successfully treated by preoperative traction and medial open reduction: A 22-year mean followup. [Published online ahead of print April 1, 2015]. *Clin Orthop Relat Res.* DOI 10.1007/s11999-015-4264-3).

The authors certify that they, or any member of their immediate families, have no commercial associations (eg, consultancies, stock ownership, equity interest, patent/licensing arrangements, etc) that might pose a conflict of interest in connection with the submitted article.

All ICMJE Conflict of Interest Forms for authors and *Clinical Orthopaedics and Related Research* editors and board members are on file with the publication and can be viewed on request.

The opinions expressed are those of the writers, and do not reflect the opinion or policy of CORR® or the Association of Bone and Joint Surgeons®.

A. Citlak MD (✉)
Orthopaedics and Traumatology
Department, School of Medicine,
Karadeniz Technical University,
61080 Trabzon, Turkey
e-mail: atillacitlak@yahoo.com

M. Sener MD
Orthopaedics and Traumatology
Department, School of Medicine, Katip Çelebi University, 35620 Izmir, Turkey

References

1. Farsetti P, Caterini R, Potenza V, Ippolito E. Developmental dislocation of the hip successfully treated by preoperative traction and medial open reduction: A 22-year mean followup. [Published online ahead of print April 1, 2015]. *Clin Orthop Relat Res.* DOI 10.1007/s11999-015-4264-3.
2. Sener M, Baki C, Aydin H, Yildiz M, Saruhan S. The results of open reduction through a medial approach for developmental dysplasia of the hip in children above 18 months of age. *Acta Orthop Traumatol Turc.* 2004;38:247–251.
3. Weinstein SL. Developmental hip dysplasia and dislocation. In: Weinstein SL, Flynn JM, eds. *Lovell and Winter's Pediatric Orthopaedics*. 7th ed. Philadelphia, PA: Lippincott Williams and Wilkins; 2014:983–1111.