

Outcomes of osteoporotic trochanteric fractures treated with cement - augmented dynamic hip screw

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Sir,

We read the paper reported by Gupta *et al.* with the title “Outcomes of osteoporotic trochanteric fractures treated with cement-augmented dynamic hip screw” with great interest.¹ We congratulate the authors for their study because they referred to a well known subject about osteoporotic intertrochanteric fractures of the elderly. However we would like to point out some issues, which we believe will contribute to the study.

1. Standard surgical technique for dynamic hip screw (DHS) does not include an additional cancellous screw to increase rotational stability in intertrochanteric femur fractures. In this study, knowing that DHS lag screw augmented by bone cement, increases the rotational stability due to the increase in the pull out strength as well as the compression capability, we could not understand why the surgeons used an additional rotational cancellous screw for extra rotational stability.²
2. We would like to learn whether the authors, before or after the operation, initiated medical treatment for osteoporosis?

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REFERENCES

1. Gupta RK, Gupta V, Gupta N. Outcomes of osteoporotic trochanteric fractures treated with cement-augmented dynamic hip screw. *Indian J Orthop* 2012;46:640-5
2. Kenneth JV, Robert VC. Intertrochanteric fractures. *Rockwood and Green's Fractures in Adults*. 6th ed. Philadelphia USA: Lipincott Williams and Wilkins: 2006. p. 1794-825.