My comment concerning: Yonggang Li et al. Early effects of vertebroplasty or kyphoplasty versus conservative treatment of vertebral compression fractures in elderly polytrauma patients. Arch Orthop Trauma Surg (2015) 135:1633–1636

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The authors have presented to evaluate the early effects in the population of VCFs in elderly polytrauma treated by this prompt and aggressive operation.

I would like to comment on some points about the authors' approach.

This paper reported:

“The medical records of 192 consecutive vertebral fractures in elderly polytrauma patients 65 years or older were retrospectively reviewed. 55 patients with neurologic injury in the vertebral fractures and 38 patients without neurologic injury in the unstable vertebral fractures were excluded. On the basis of these criteria, 99 patients were included in the final analysis”.

According to which patients were included in the study? That should be explained clearly! There are no data in the manuscript about clinical findings of patients. Surgical indications?

Polytrauma! What does that mean? That should be explained!

This paper reported:

“Bed rest and reduced mobility result in a higher risk of deep vein thrombosis.”

Deep venous thrombosis was significantly increased for the surgical cases (% 5) than nonsurgical cases (% 1.7). This is very interesting.

According to my opinion as a conclusion, unfortunately, paper is not reliable.

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