Reviewer's report

Title: The fluoroscopic views for safe insertion of lag screws into posterior column of the acetabulum

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Reviewer: D M Kahler

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To the Authors: I commend you on a good scientific approach to determining the proper radiographic angles for visualization of screw penetration during percutaneous insertion. I think you should make it clear early in the manuscript that the protocol involves the retrograde posterior column screw, rather than the more commonly placed antegrade screw; obviously, the views described could be used for both trajectories. I think the figures are good and help support the manuscript.

I would like to see more detail regarding the method of screw insertion during the experimental portion of the procedure. Were the specimens stripped of soft tissue, and was fluoroscopic guidance alone used for screw insertion? Were there any failures in inserting screws in the proper position?

Finally, I think there should be at least some mention that surgical navigation (2D or 3D), while not available everywhere, may obviate the need for repeated imaging in multiple planes and decrease radiation exposure to both patient and surgeon.