

Responses to Reviewer comments

Dear Reviewers,

First of all thank you for your interest and crucial comments on our manuscript.

#RC 1: The simulated posterior wall acetabulum fractures were far different with reality ones. Usually there are some edge compression and irregular fracture shapes.

#Response to Reviewer Comment 1: The acetabulum posterior wall fractures have a wide range of pattern. But instability of fracture and intra-articular component of fragment are the major features of posterior wall fracture type. Because of that during the creation of simulated fracture figure, attention was focused on to be an instable and intra-articular fracture pattern.

#RC 2: The artificial bone density may be different with real bone.

#Response to Reviewer Comment 2: In spite of that these pelvic models actually do not represent the heterogeneity of the real bone, the homogeneity of the synthetic models between each other is an advantage that can not be determined in real specimens cause of age and sexual diversities.

#Both two responses are added to manuscript in limitation section.