



Supplementary Material

10.1302/2046-3758.113.BJR-2021-0363.R1

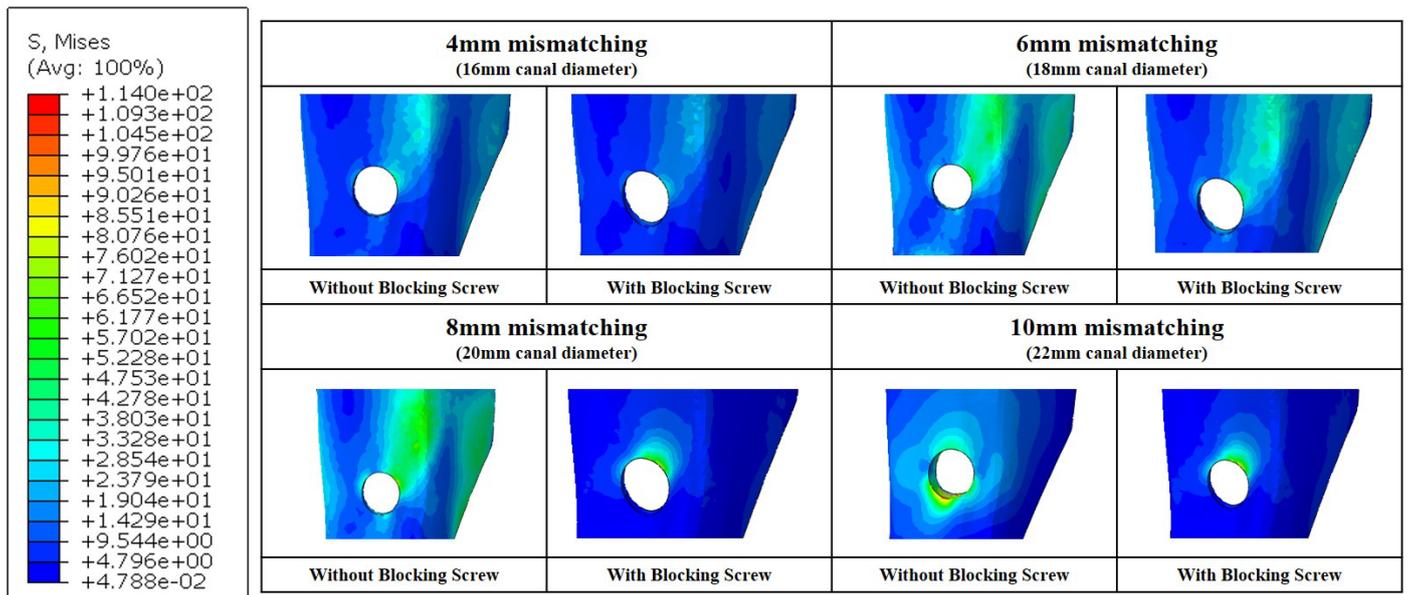


Fig a. Stress distribution on the cortical bone (around lag screw hole) of finite element model.

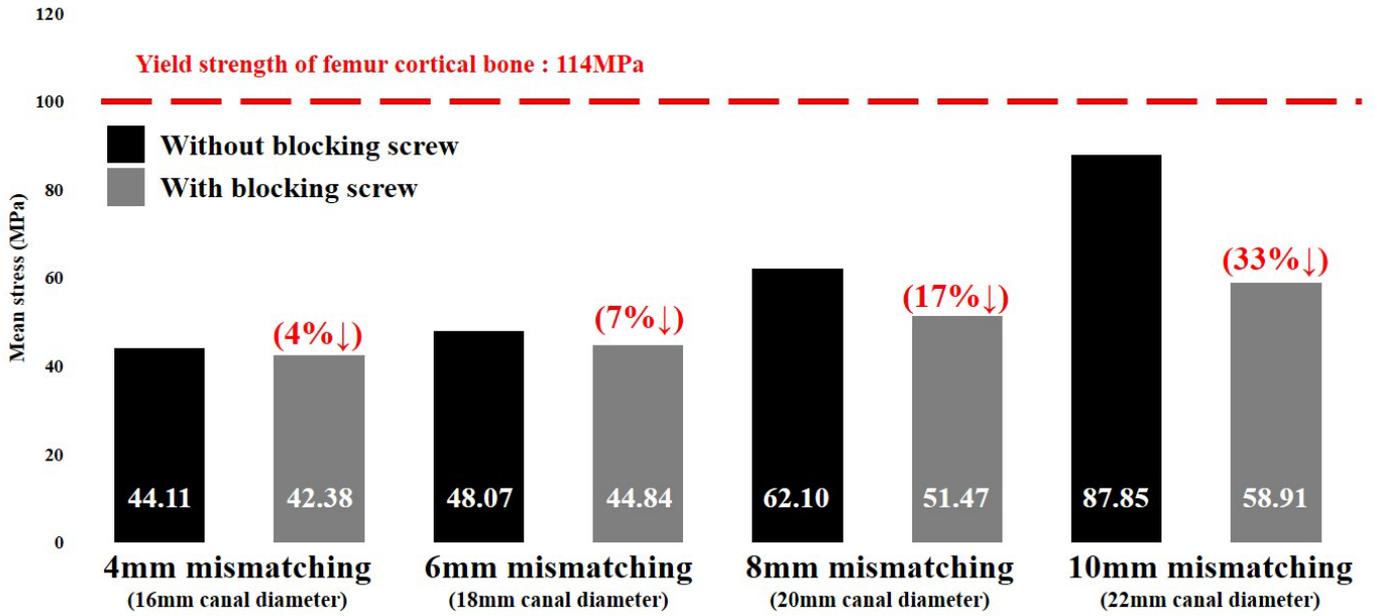


Fig b. Mean stress over a region of interest on the cortical bone (around lag screw hole) in each finite element model and reduction rate of the mean stress by using a blocking screw in each model. MPa, megapascal.

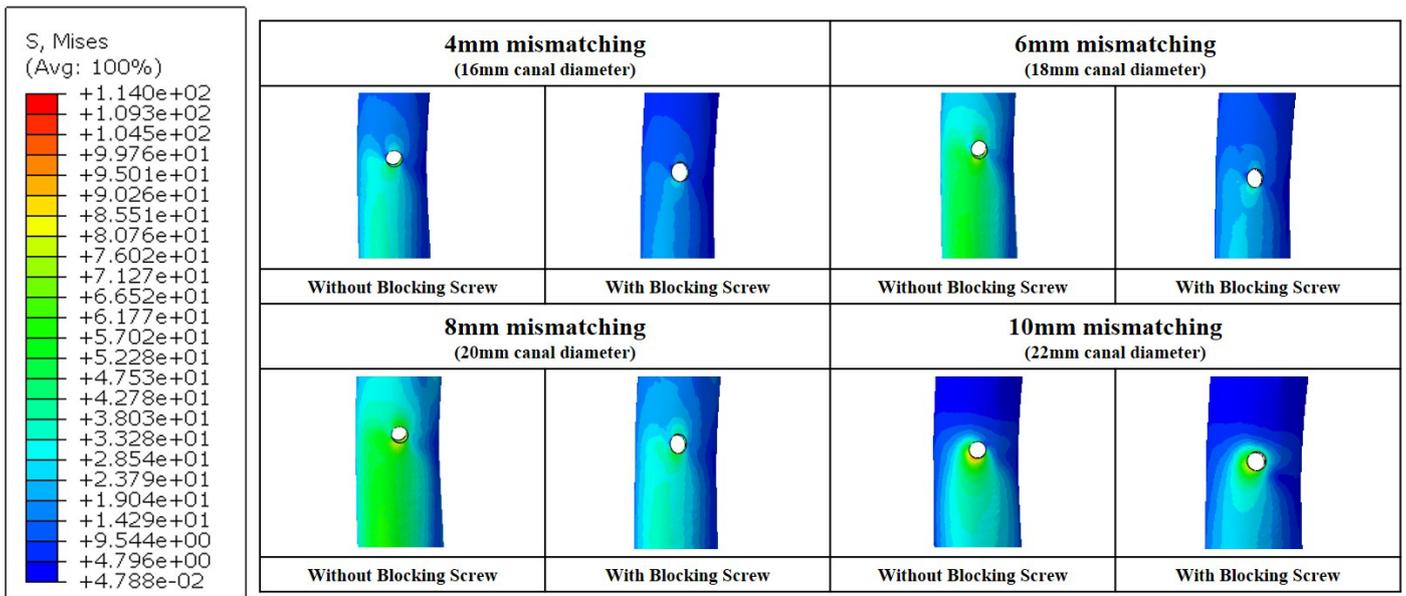


Fig c. Stress distribution on the cortical bone (around distal locking screw hole) of finite element model.

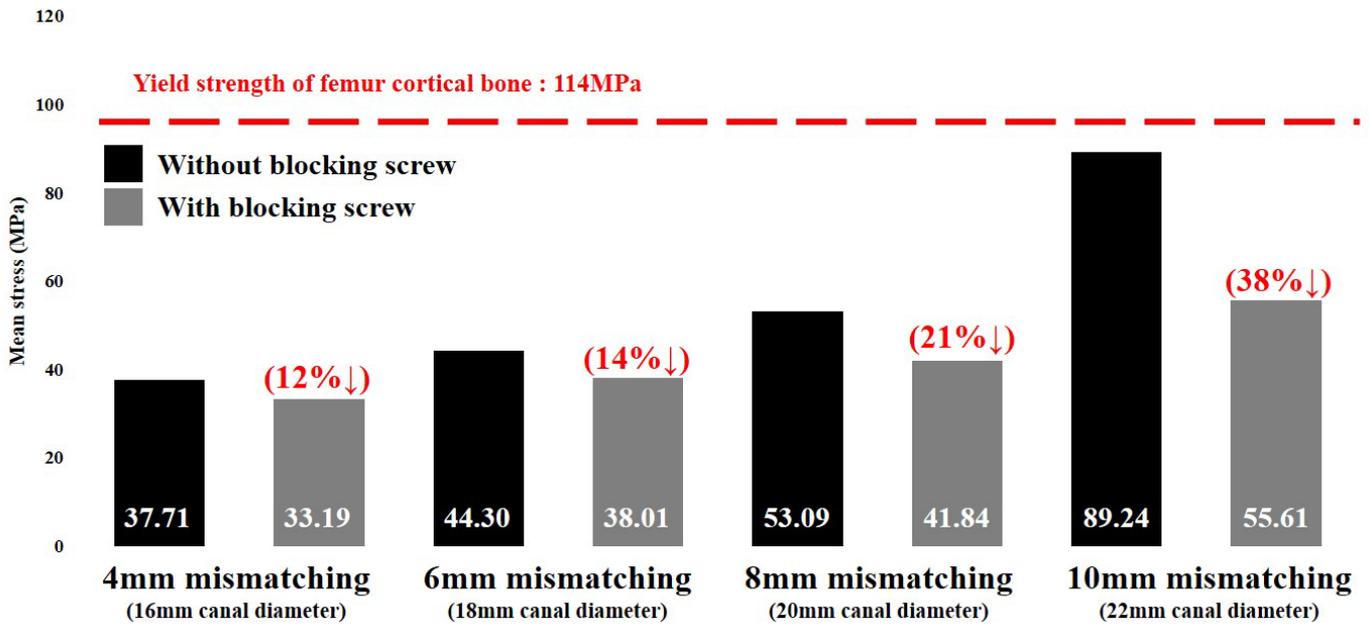


Fig d. Mean stress over a region of interest on the cortical bone (around distal locking screw hole) in each finite element model and reduction rate of the mean stress by using a blocking screw in each model. MPa, megapascal.