## SUPPLEMENTARY MATERIAL

## **Supplementary material**



Fig. a

Experimental set-up demonstrating a modified femoral component affixed to a customised proximal loading apparatus, with distally potted tibia affixed to a freely translating platform eliminating system constraint in the transverse plane.

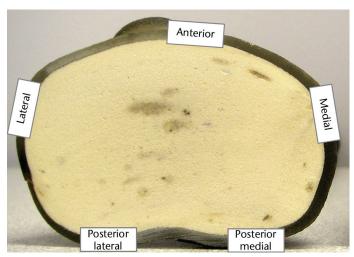


Fig. b

 $\label{thm:measurement} \mbox{ Micromotion measurement regions between the tibial tray and cortical bone at the tibial plateau on a left composite tibia specimen.}$