

Accepted Manuscript

Title: Influence of lower limb rotation on hindfoot alignment using a conventional two-dimensional radiographic technique

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1 Highlights for the Manuscript entitled:

2 “Influence of lower limb rotation on hindfoot alignment using a standard 2 dimensional
3 radiographic technique.”

- 4 • We use a 3D model to predict hindfoot alignment variation with lower limb rotation.
5 • We compare these predictions with actual measurements on a cadaver leg.
6 • We show that reality agrees with the 3D model.
7 • Hindfoot deformity value is highest when foot rotation is 0°.
8 • Hindfoot deformity value decreases when foot rotates away from 0°.
9 • Incorrect positioning underestimates hindfoot deformities in 2D methods.
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