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Basic Study

Fibula pro-tibia vs standard locking plate fixation in an ankle fracture saw bone model.

Fibula pro-tibia fixation is superior in an ankle fracture saw bone model.

Abstract

BACKGROUND

Locking plate fixation in osteoporotic ankle fractures may fail due to cut-out or metalwork failure. Fibula pro-tibia fixation was a technique prior to the advent of locking plates that was used to enhance stability in ankle fractures by achieving tri or tetra-cortical fixation. With locking plates, the strength of this fixation construct can be further enhanced. There is lack of evidence supporting the merits of fibula pro-tibia

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