

Tibial Eminence Fractures: Surgical Technique Using Adjustable-Loop Cortical Suspensory Fixation

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Tibial eminence fractures, also known as tibial spine fractures, are an intra-articular fracture of the bony attachment of anterior cruciate ligament on the tibia. These injuries most commonly occur in children aged 8 to 14 years during athletic activity. Diagnosis can be confirmed via radiographs and MRIs, evaluating for associated ligamentous damage. CT scans be used for preoperative planning.

Management may be nonsurgical or surgical, depending on the degree of displacement. Indications for surgical management include a completely displaced fragment or a minimally displaced but unreducible fragment.

The goal of this video is to describe a new arthroscopic aimed suture technique via adjustable-loop cortical suspensory fixation.