Femoral Condyle Fracture during Revision of Anterior Cruciate Ligament Reconstruction
Case Report and a Review of Literature

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Abstract
Background: A rare and devastating complication following anterior cruciate ligament (ACL) revision reconstruction is femoral fracture.

Case presentation: A 35-year old male soccer player with a history of ACL tear from the previous year ago, who underwent arthroscopic ACL reconstruction and functioned well until another similar injury caused ACL rupture. Revision of ACL reconstruction was performed and after failure of graft tension during the pumping, a fluoroscopic assessment showed a femoral condyle fracture. The patient referred to our knee clinic and was operated on in two stages: first fixation of the fracture and then ACL re-revision after fracture healing was complete.

Conclusions: Not inserting multiple guide pins, keeping a safe distance from the posterior cortex and giving more attention during graft tensioning, especially in revision surgeries, are all small points that can reduce the risk of fracture during the revision of ACL reconstruction.

Key words: Anterior cruciate ligament (ACL), Complication, Condylar fracture, Revision reconstruction