

Evaluation of Anterior Cruciate Ligament repair with Iliotibial Band

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Abstract:

Reconstruction of the anterior cruciate ligament (ACL) is the surgical treatment of choice as direct primary repair of the ligament has been shown to result in persistent laxity and instability of the knee. The aim of reconstruction is to restore stability of the knee without restricting its functions. Anterior cruciate ligament reconstruction requires a graft which may be either an autograft or an allograft or a synthetic graft. Most studies agree that using the patient's own tissue (autograft) to repair an anterior cruciate ligament tear is the way to go. Graft taken from patellar tendon gives good results but muscle weakness, pain, tendonitis and kneecap fracture are just a few of the possible post-operative problems. In this prospective study of ACL reconstruction, tendon material from iliotibial tract was used in a special way for adding stability to the knee called iliotibial band tenodesis. Herein, 17 cases of ACL repair and augmentation with iliotibial tract is being evaluated.