## Abstract

### Purpose

This study assessed the outcomes of arthroscopic management of avulsion fractures of the tibial attachment of the posterior cruciate ligament (PCL), with holding of the PCL with two "cinch knots".

### Methods

15 patients with avulsion fractures of the tibial attachment of the PCL were treated with arthroscopic reduction and fixation with holding of the PCL with two "cinch knots". All patients were males with mean age of 28 (range, 15–44) years. Patients were assessed by the Lysholm Tegner knee scale and IKDC (International knee documentation committee) objective grade.

### Results

The mean follow-up period was 40 (range, 12–60) months. Mean postoperative flexion was 134.7° (range, 120–150). Mean Lysholm score was 90.27 (range, 67–99). Lysholm score was excellent in seven (46.7%) patients, good in six (40%) patients, fair in two (13.3%) patients, and none of the patients was poor. 11 (73.3%) patients had IKDC grade A, and four (26.7%) patients had IKDC grade B due to residual grade 1+ posterior drawer. Current Tegner activity level remained the same in nine (60%) patients, decreased one level in three (20%) patients, and decreased two levels in three (20%) patients as compared to the preinjury level. There wasn't any vascular or nerve complications.