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Manuscript Type: **CASE REPORT**

TIBIAL TUBEROSITY AVULSION-FRACTURE ASSOCIATED WITH COMPLETE DISTAL RUPTURE OF THE PATELLAR TENDON. CASE REPORT AND REVIEW OF THE LITERATURE.

TT Avulsion and PT rupture.

Abstract

BACKGROUND

On a few cases of avulsion fractures of the tibial tuberosity with a simultaneous rupture of the patellar tendon have been reported in the literature. Therefore, its mechanism and incidence have not been determined conclusively. This type of fracture is considered a serious injury that requires a prompt diagnosis and early surgical repair. There is no therapeutic algorithm or standard method of treatment due to the infrequency of the injury. In this case report, we carry out an exhaustive review and a synthesis of the existing literature including all previously reported cases.

CASE SUMMARY

We present a 16-year-old male soccer player with a case of a tibial tuberosity fracture with distal avulsion of the patellar tendon 5 days prior to surgical treatment. The patient presented with a loss of the extensor mechanism of the knee, edema, the

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