



Tibial Plateau Fractures

chapter 7

FEATURED ARTICLE

Authors: Barei DP, Nork SE, Mills WJ, Henley MB, Benirschke SK.

Title: Complications associated with internal fixation of high-energy bicondylar tibial plateau fractures utilizing a two-incision technique.

Journal Information: *J Orthop Trauma*. 2004;18(10):649–657.

Study Design: Retrospective Review

- ▶ 83 bicondylar tibial plateau fractures (AO/OTA type-41-C3) treated with ORIF (dual plating using 2 incisions, anterolateral and posteromedial).
- ▶ Average age: 44 years (21 to 88 years), 52 males, 31 females.
- ▶ Most were high-energy injuries.
- ▶ 11/83 (13.3%) open fractures
 - ▷ 1 type II, 7 type III-A, 2 type III-B, 1 type III-C
- ▶ 12/83 (14.5%) patients had compartment syndrome and underwent fasciotomy.
- ▶ Average time from injury to definitive surgical treatment: 9 days.