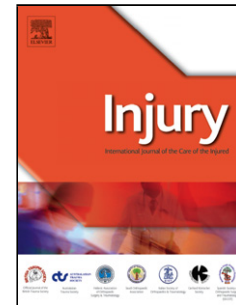


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Extended lateral column tibial plateau fractures. How do we do it?

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Level of Evidence: 3

ABSTRACT (104 words)

We describe the operative management of extended lateral column fractures according to the revised three-column classification approach in a step-by-step fashion. We show that direct reduction and stable fixation of extended lateral column tibial plateau fractures via a limited arthrotomy and tibia condyle osteotomy, with the use of free subchondral 2.7mm *locking* screws is a reliable technique. Subsequently, diverging VA-LCP locking screws further improve the structural properties. It is a straightforward technique and the single lateral approach (Lazy-S) facilitates direct reduction of the articular surface and stable fixation of the fracture fragments under direct vision with good radiological and fair functional outcome.

Abbreviations

rTCC	: revised three-column classification
VA-LCP	: variable angle – locking compression plates
10SC	: ten-segments classification
ORIF	: open reduction and internal fixation

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