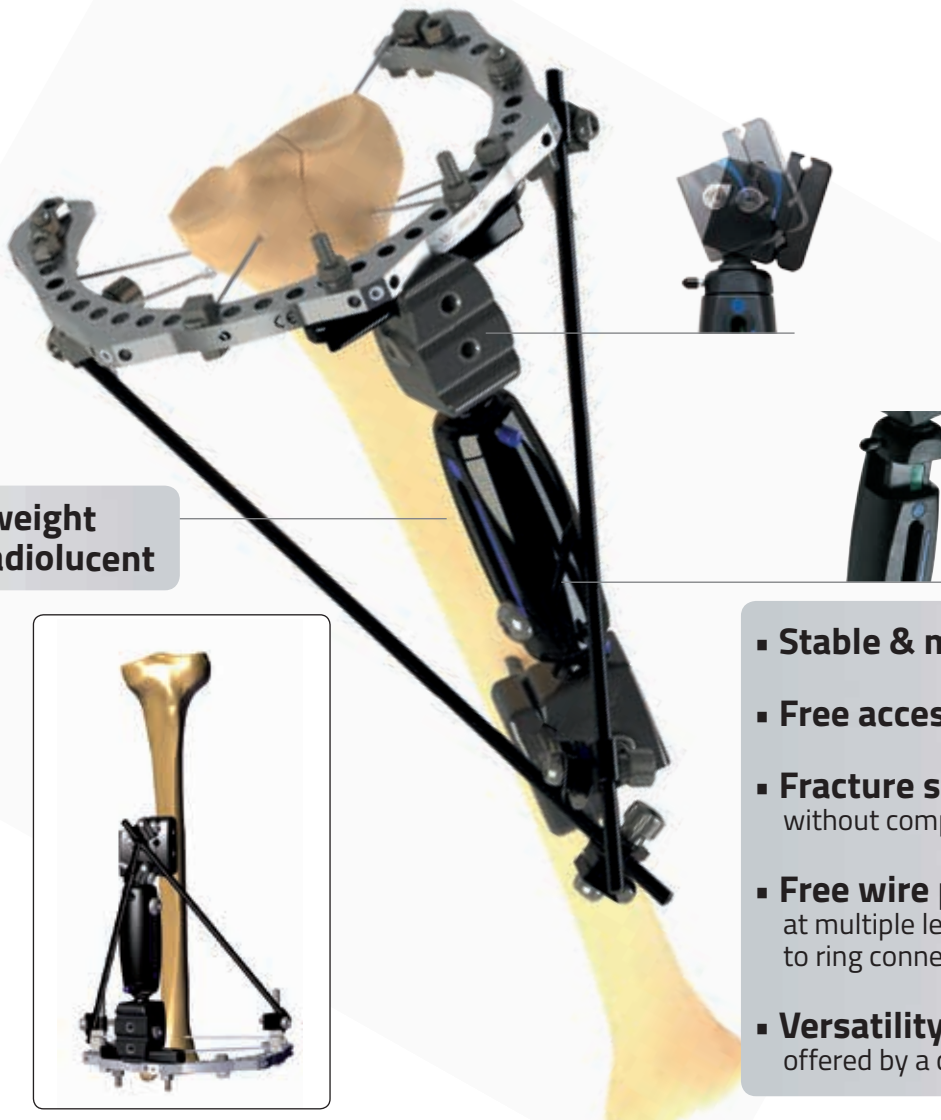


XCALIBER® HYBRID SYSTEM

Indicated for **periarticular and articular fractures**

“Closed reduction and stable synthesis of periarticular and articular fractures with hybrid external fixation also allows careful management of the soft tissue injury.”¹



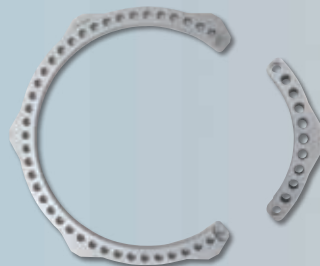
Lightweight and radiolucent

XCaliber fixator

ball-joints and telescopic body facilitate final axial diaphyseal alignment

- **Stable & minimally invasive**
- **Free access to surrounding tissues**
- **Fracture stabilization**
without compromising fragile soft tissue envelope
- **Free wire placement**
at multiple levels and angulations prior to ring connection
- **Versatility & modularity**
offered by a comprehensive external fixation system

Lightweight, partially* radiolucent aluminum rings

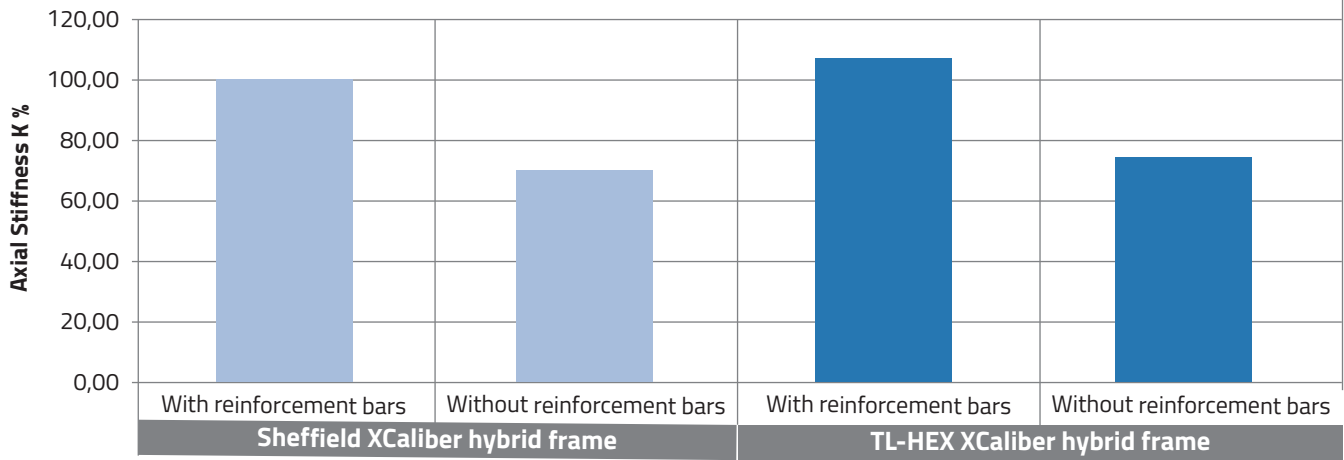


- 5/8 rings and 3/8 rings in 160, 180, 200mm (more sizes available also sterile)
- Low profile, high stability, thickness: 9.5mm
- 1.8mm diameter wires with or without central olive, 400mm length

(*): made of aluminum with higher radiolucency compared to stainless steel

Mechanical tests - axial stiffness

Improved Stability



Simple 3 step approach:



1. Articular reduction and ring application



2. Axial alignment and diaphyseal bone screw insertion

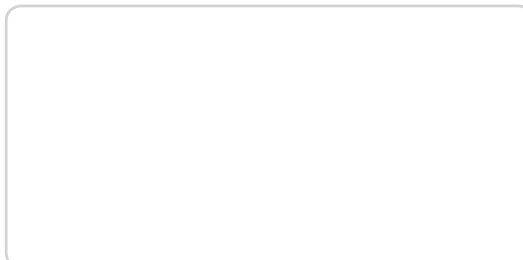


3. Final frame assembly

References

- Scientific Exhibit at the 68th AAOS annual meeting (San Francisco California, February 28 - March 4, 2001). Combined Percutaneous Internal Fixation and External Fixation Treatment of C3 Tibial Plateau Fractures: A Review of 43 Cases. Alessandro Faldini, MD, Mario Manca, MD, Stefano Marchetti, MD, and Cesare Faldini, MD.
- Bycondilar tibial plateau fractures treated with fine wire circular fixation", Ferreira N, Marias L.C.- Strat Traum Limb Recon (2014) 9:25-32.
- High energy tibial plateau fractures treated with hybrid external fixation", G C Babis, D S Evangelopoulos, P Kontovazenitis, K Nikolopoulos and P N Soucacos, Journal of Orthopaedic Surgery and Research 2011.
- Distal tibial fractures treated with hybrid external fixation", Babis GC, Kontovazenitis P, Evangelopoulos DS, Tsailas P, Nikolopoulos K, Soucacos PN - Injury, 2010 Mar;41(3):253-8.
- Management of distal tibial intra-articular fractures with circular external fixation", Lovisetti G, Agus MA, Pace F, Capitani D, Sala F - Strat Traum Limb Recon (2009) 4:1-6.
- Combined Percutaneous internal and external fixation of complex tibial plafond fractures", Faldini C, Manca M, Digennaro V, Leonetti D, Nanni M, Romagnoli M, Biagini C - G.I.O.T. 2006; 32:33-39.
- Treatment of high energy tibial plateau fractures", Narayan B, Harris C, Nayagam S - Strat Traum Limb Recon 2006; 1:18-28.
- The use of trans-articular and extra-articular external fixator for management of distal tibial intra-articular fractures", El-Shazly M, Dalby-Ball J, Burton M, Saleh M - Injury, Int. J. Care Injured 32 (2001) S-D-99-S-D-106.

Distributed by:



Manufactured by:
 ORTHOFIX Srl
 Via Delle Nazioni 9, 37012 Bussolengo (Verona), Italy
 Telephone +39 045 6719000, Fax +39 045 6719380



www.orthofix.com

TH-1710-PL-E0 B 08/18

