

# GALAXY 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.”<sup>1</sup>

**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

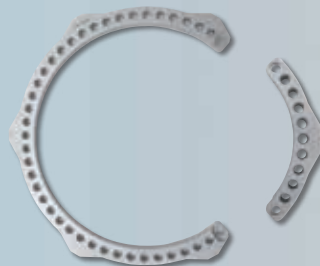
**Speed assembly** snap in system allows initial tightening by hand and final locking in one step

**Versatility and modularity**

offered by a comprehensive external fixation system

**Stable & minimally invasive**

## Lightweight, partially\* radiolucent aluminum rings

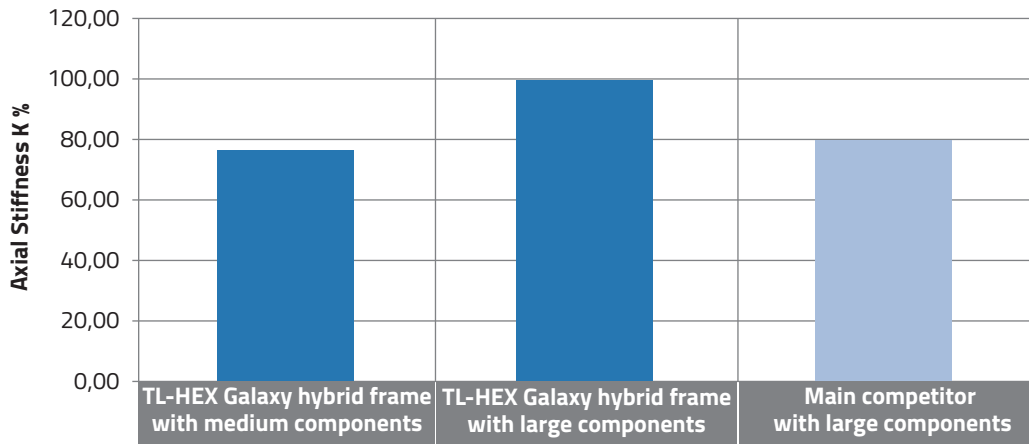


- 5/8 rings and 3/8 rings in 160, 180, 200mm (more sizes available also sterile)
- Low profile, high stability, thickness: 9.5mm
- 1.8mm diameter wires with or without central olive, 400mm length

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

## Mechanical tests - axial stiffness

**Comparable or higher stability\***



(\*): Test data on file at Orthofix

### 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.

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