

GLOBAL UNITE™ Reverse Fracture

Implant System

Design Rationale



UNITE^{THE} FRACTURE

The GLOBAL UNITE® Platform Shoulder System provides treatment options for a wide range of shoulder pathologies. The Reverse Fracture device is specifically designed to provide a Reverse Shoulder Arthroplasty surgical option for a robust repair of complex proximal humeral fractures to restore function of the joint by promoting healing of the tuberosity fragments to help unite the fracture in patients with a grossly deficient rotator cuff.

Improved Outcomes Driven by a Surgical Technique that Enables Secure Fixation and Healing of the Proximal Humeral Tuberosities

- Building upon the proven design of Delta Xtend™, the GLOBAL UNITE Reverse Fracture Epiphysis features an offset option and version adjustability to help achieve accurate humeral implant placement.
- Multiple suture options and POROCOAT™ Porous Coating may improve anatomic placement and healing of the proximal humeral fracture fragments.

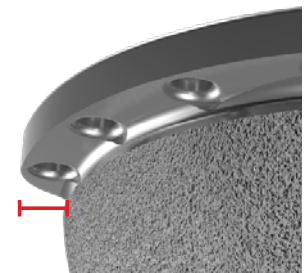


Suture Collar

The GLOBAL UNITE Fracture Epiphysis suture collar has 12 suture holes to accommodate anatomic approximation of a wide range of proximal humeral fracture patterns.

In multi-part fractures, the collar can act as a proximal landmark for tuberosity placement to guide anatomic positioning.

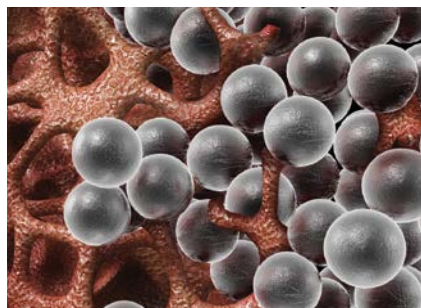
Overhang of the suture collar creates a 3.5mm buttress designed to prevent superior migration of the proximal humeral tuberosities.



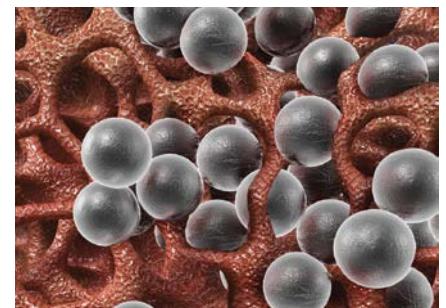
POROCOAT™ Porous Coating



4 weeks



8 weeks



12 weeks

- POROCOAT can be implanted in a press-fit or cemented fashion, enabling intraoperative surgeon choice and flexibility.
- The porous structure of POROCOAT supports biological fixation between the bone-to-implant interface and has forty years of clinical use.¹

Value created by One System , Providing Solutions for the Patient's Continuum of Care.

The GLOBAL UNITE Platform Shoulder System was designed to address a wide variety of shoulder arthroplasty pathologies, while providing efficiencies in the surgical process.

The GLOBAL UNITE Shoulder System provides treatment options for cemented or cementless, anatomic or reverse shoulder reconstruction, with or without proximal humeral fracture.



References: 1. Karageorgiou V, et al. Porosity of 3D biomaterial scaffolds and osteogenesis. Biomaterials 2005; 26: 5474-91



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