Comprehensive® Fracture Stem
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Featuring Positioning Sleeve Technology

Approximately 55 percent of all shoulder replacements are the result of complex fractures of the proximal humerus.¹ The surgeon is challenged to restore proper humeral height and biomechanics, achieve adequate range of motion, and provide pain relief for the patient. The Comprehensive® Fracture Stem was designed with these challenges in mind and to help the surgeon achieve the ultimate goal...patient satisfaction.

- Reverse Morse Taper provides the ability to move between a hemi, total, or reverse shoulder arthroplasty without removing a well-fixed Comprehensive® Fracture Stem
- Anatomic 45 degree neck angle provides ample room under the collar for tuberosity reconstruction
- Contoured suture holes provide for significant reduction in suture wear²
- Six diameters available: 4, 6, 8, 10, 12, and 14mm
- Designed for cemented or uncemented applications

¹ Internal positioning sleeve sets appropriate stem height without the use of an external jig
² Compact proximal body with MacroBond® coating for improved tuberosity reconstruction
**Humeral Head Options**
- Standard
- Offset
- EAS™ Extended Articular Surface
- Versa-Dial® Variable Offset
- Comprehensive® Reverse Primary or Conversion

**Internal Positioning Sleeve**
- Completely internal design
- Eliminates need for external height jig which can interfere with range of motion assessment
- Sleeve secures trial and prosthesis at desired height
- Allows for intraoperative stem height adjustability

Graduated hash marks for precise positioning and proper reproduction of humeral height

Lateral/medial fins with contoured suture holes for optimal tuberosity fixation
References
