Hope is within reach.
Optimize patient outcomes across a broad range of indications

Demands put on reverse shoulder systems have been increasing: Returning cuff deficient patients to simple activities of daily living, optimizing range of motion in the face of glenoid erosion, and ensuring tuberosity repair in complex fractures. The Trabecular Metal™ Reverse Shoulder System presents a comprehensive solution to meet these objectives.\textsuperscript{1,2}

Trabecular Metal base plate provides proven fixation and stability\textsuperscript{3}

- Trabecular Metal material supports vascularization and biologic in-growth\textsuperscript{4-7}
- Greater screw engagement and less bone removal than convex base plate designs\textsuperscript{8}
- Center post lengths up to 30mm maximize bony engagement to minimize base plate micromotion
- Center of rotation (COR) lateral offset counters glenoid erosion\textsuperscript{2}
- Personalized glenoid component planning, sizing and positioning when used with Zimmer® PSI Shoulder

Trabecular Metal Reverse Base Plate micromotion is less than half that of DePuy and DJO reverse shoulder systems\textsuperscript{3,9}

Comparison of Reverse Base Plate Stability

<table>
<thead>
<tr>
<th>Lateral Offset</th>
<th>Trabecular Metal Reverse</th>
<th>DePuy</th>
<th>DJO</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5mm</td>
<td>67%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5mm</td>
<td>58%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2.5mm lateral offset

4.5mm lateral offset
• Less than 1% grade 3 and 4 notching at 16 months compared to typically reported 6% or more\textsuperscript{2,10,11}

• Glenosphere COR lateral offset and inferior overhang reduce probability of impingement with the scapular pillar\textsuperscript{2}

• Humeral component angle of 150° helps provide greater clearance during adduction versus a “Grammont” prosthesis\textsuperscript{2}
Trabecular Metal Reverse Humeral Stem facilitates strong fixation, healing and enhanced range of motion

- Seven years of clinical history and over 32,000 global implantations.
- *Trabecular Metal* material’s scaffold facilitates vascularization and biologic in-growth\(^1\)\(^-\)\(^4\)
- High coefficient of friction between *Trabecular Metal* material and cancellous bone to enhance tuberosity fixation in 3- and 4-part fractures
- Extensive humeral liner and spacer combinations, ranging between +0mm and +18mm, to enable proper deltoid tensioning
- Precise retroversion control optimizes subscapularis and teres minor tension, to enhance internal and external rotation
Non-Porous Humeral Stem portfolio is designed to precisely match a range of humeral canal sizes

- 6 and 8mm stems to accommodate the smaller patients
- 200mm stems to facilitate revision from total shoulder to reverse shoulder arthroplasty
- Intraoperative flexibility between Non-Porous Reverse and Trabecular Metal Reverse humeral stems utilizing shared instrumentation
Glenospheres
• 36mm and 40mm diameters

Spacer (Optional)
• +9mm and +12mm

Compression Screw
• 4.5mm diameter
• 30° polyaxial placement
• Modular locking cap to secure the desired angle of each screw

UHMWPE Liner
• 7° Standard Liner
• 12° Retentive Liner
• 3 thicknesses: +0mm, +3mm and +6mm

Trabecular Metal Reverse Humeral Stem
• 8,10,12,14,16,18 x 130mm
• 8,10,12,14,16 x 170mm

Base Plate
• Trabecular Metal base plate pad
• 3 center post sizes: 15mm, 25mm and 30mm

Non-Porous Reverse Humeral Stem
• 6,8,9,10,11,12,13,14,15,16,18 x 130mm
• 8,10,12,14,16 x 200mm

References: