AEQUALIS ASCEND™ FLEX
Convertible Shoulder System
WE EXPECT MORE THAN OTHERS THINK IS POSSIBLE.
AEQUALIS ASCEND™ FLEX
Convertible Shoulder System

AEQUALIS™ REV II
Threaded Post Baseplate

AEQUALIS™ PERFORM™
Glenoid System

Fixation and Conversion.
Fixation

ANATOMICALLY DERIVED STEM DESIGN
Mimics the internal humeral geometry to maximize proximal fixation.

PLASMA SPRAY COATING
Creates immediate and long-term fixation.

Conversion

CONVERTIBLE DESIGN
Simply adapts from anatomic to reverse without stem removal.

SHORT STEM & COLLARLESS DESIGN
Simplify stem removal, when needed.
Fixation and Performance.
Fixation

CENTRAL THREADED POST
Provides immediate baseplate fixation.

PLASMA SPRAY COATING
Creates long-term baseplate fixation.

VARIABLE LOCKING SCREWS
Enhance baseplate fixation.

Performance

145° INCLINATION
Optimizes range of motion & reduces notching.

ECCENTRIC REVERSED TRAYS
Adjust for variation in stem placement & simplify conversion.

LATERALIZED GLENOID OPTIONS
Decrease scapular notching.
Bone Preservation.
Excessive Reaming

**ARTHRTIC VARIABILITY**
Arthritic glenoid articular curvatures are 22% flatter and have 3X more variance than non-arthritic glenoids.¹

**TRADITIONAL REAMERS**
Traditional reamer curvatures were derived from non-arthritic cadaveric specimens.

**CLINICAL OUTCOMES**
Excessive reaming to achieve backside fit with traditional reamers is a leading cause in long-term glenoid loosening.² ³

Preservation

**MULTIPLE CURVATURES PER SIZE**
Reamers and implants adapt to arthritic anatomy preserving subchondral bone and structural integrity.

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In our data collection, 75% of arthritic glenoids had an articular radius curvature that fell outside of 30-35mm, and 50% fell outside of 30-40mm.¹
AEQUALIS ASCEND™ FLEX Stems

Stem Options
66-94 mm  88-125 mm  66-90 mm  88-120 mm
Press-Fit  Cemented

Heads
Low Offset  High Offset

Reversed Trays
Centered  Low Offset  High Offset
References
1. Tornier Data on File.
2. Gilles Walch, MD; Allan A. Young, MD; Pascal Boileau, MD; Markus Loew, MD; Dominique Gazielly, MD and Daniel Molé, MD. Patterns of Loosening of Polyethylene Keeled Glenoid Components After Shoulder Arthroplasty for Primary Osteoarthritis. Results of a Multicenter Study with More than Five Years of Follow-up.
3. Gilles Walch, MD; Allan A Young, MD; Barbara Melis, MD; Dominique Gazielly, MD; Markus Loew, MD; Pascal Boileau, MD. Results of a Convex-back Cemented Keeled Glenoid Component in Primary Osteoarthritis: Multicenter Study with a Follow-up Greater than 5 Years.