Targeting Restoration of Normal Wrist Biomechanics

Midcarpal Hemiarthroplasty
KinematX: A Breakthrough in the Restoration of Human Wrist Motion

Anatomic Design
- Emulates the Proximal Row and Restores Anatomy
- Allows for Midcarpal Articulation
- Preserves Radial Length and Inclination

Stable Radial Fixation
- Streamlined Implantation Technique
- Removes the Risk of Distal Hardware Loosening
- Cobalt Chrome Stem with Titanium Plasma Spray Coating

Patient Focused
- 2-Piece Modular System and Sizing for Varying Patient Anatomy
- Allows for the Future Conversion to a Total Wrist Arthroplasty

Restoring the Dart Thrower’s Motion
A Kinematic and Functional Comparison of the Intact Wrist and the KinematX Hemi Modular Wrist Arthroplasty System
- Mechanical axes of the wrist are oriented obliquely to the anatomical axes
- The primary mechanical direction is one of radial extension and ulnar flexion—a direction along the path of the dart thrower’s wrist motion
- KinematX creates an anatomic coupling (flexion/extension and radio-ulnar deviation) similar to that of an intact wrist

Intact ROM data adapted from Crisco et al., JBJS 2011; 93(2)

**Data on file, Extremity Medical**
Radial Body Implants:
- Left and Right Specific
- 3 Size Options
- Each Available in Two Heights

Radial Stems are Available in 3 Sizes

**Indications For Use:**
The KinematX Modular Wrist Arthroplasty System is indicated for the replacement of a wrist joints disabled by pain, deformity, and/or limited motion caused by:
- Non-inflammatory degenerative joint disease of the radiocarpal joint including osteoarthritis, post-traumatic arthritis, and Kienbock’s disease
- Revision where other devices or treatments have failed
- Scapholunate Advanced Collapse (SLAC)
- Rheumatoid arthritis

This device is not approved for sale in the USA

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