



## AVANTA CMC IMPLANT SYSTEM

### ARTELON® SPACER CMC-1

## Solutions for Both Early Stage and Late Stage Joint Degradation

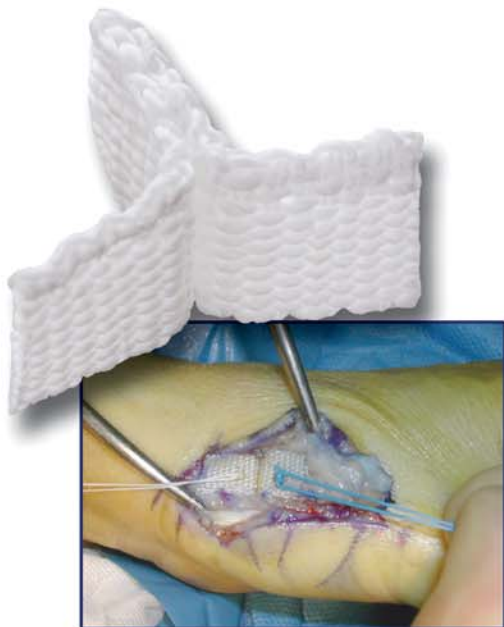


#### Avanta CMC Implant System

- Constrained ball and socket joint maintains stability
- Articular design allows for rotary circumduction

#### Artelon® Spacer CMC-1

- Intended to be implanted into the first carpometacarpal joint as an interpositional spacer between the trapezium bone and the first metacarpal to achieve resurfacing and stabilization of the osteoarthritic joint
- Adopts a biological and tissue-preserving approach to the rehabilitation of patients with CMC osteoarthritis
- Only 1-2mm of the trapezium joint surface is resected keeping the anatomy intact
- Surgery can be performed under local anesthesia providing a faster procedure than a tendon interposition



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## ARTHROPLASTY TECHNOLOGY SYSTEMS

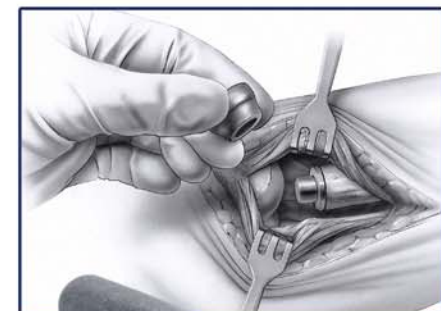
## System Solutions for the Upper Extremity





## rHEAD™ RADIAL IMPLANT SYSTEM

### rHEAD™ RECON RADIAL IMPLANT SYSTEM



#### rHEAD™ Radial Implant System

- Modular design accommodates specific patient physiology—with four stem sizes and three head sizes
- rHead stems are designed with a porous finish yielding a more receptive surface for bony in-growth
- Patented 12° curvature of the rHead stem matches the anatomical shape of the intermedullary canal

- 4 sizes of extended collar stems for distally migrated fractures (6mm collar)
- “Morse taper” design results in a superior interface between both mating parts
- Implant head is comprised of highly polished cobalt chrome—providing a smooth surface that facilitates articulation with the capitellum

#### rHEAD™ Recon Radial Implant System

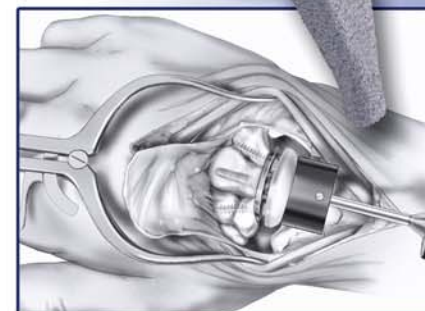
When proper alignment of the proximal radius can not be achieved, the added flexibility of the rHead Recon can compensate (up to 20°) for misalignment

- Bipolar design facilitates proper radio/capitellar position throughout flexion/extension and forearm rotation



## UHEAD™ DISTAL ULNAR HEAD IMPLANT SYSTEM

### AVANTA TOTAL WRIST IMPLANT SYSTEM



#### UHEAD™ Distal Ulnar Head Implant System

- Replaces the distal ulna and serves as an alternative to Darrach or Sauve-Kapandji procedures

- Prevents ulnar impingement by maintaining the biomechanical relationship between the ulna and radius
- Cement optional
- Extended 20mm collar stem available
- Patented uHead design incorporates suture holes for securing the ulnar head components to the ECU sub-sheath and the apex of the TFC
- Modular design to accommodate patients of differing physiology (four stem sizes and four head sizes)
- uHead stem components are designed from cobalt chrome, the stem components are titanium plasma coated providing a porous surface receptive to osteo-integration

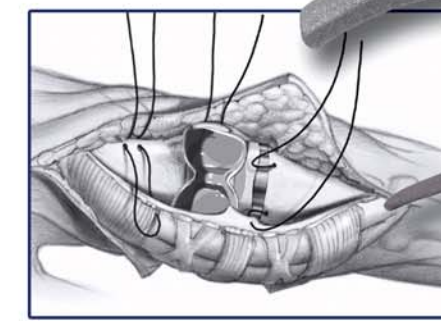
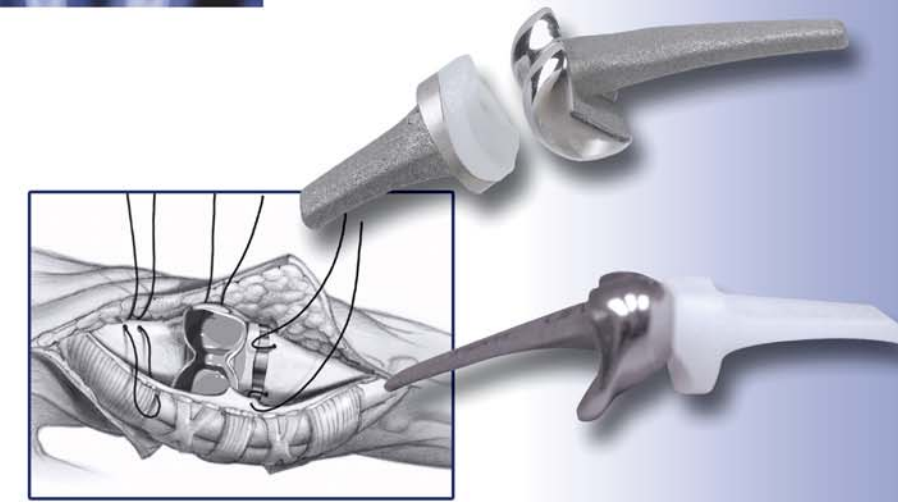
#### Avanta Total Wrist Implant System

- Surface replacement prosthesis allows for minimal bone resection and preserves ligamentous and capsular structures
- Mobile bearing element disperses torsional forces potentially increasing long-term stability
- Preservation of the distal ulna maintains normal wrist kinematics
- Deep articular cup design resists subluxation



## SR™ PIP AND SR™ MCP

### SILICONE MCP/PIP FINGER JOINTS



#### SR™ PIP AND SR™ MCP\*

- Surface replacement prosthesis allows for minimal bone resection and collateral ligament preservation
- Articular surface replicates normal anatomy and provides lateral stability and stable range of motion
- The SR™ MCP's articular congruency resists volar subluxation
- The SR™ PIP is a cement optional prosthesis

#### Silicone MCP/PIP Finger Joints

- MCP volar hinge design maintains tendon balance and allows full extension and flexion without impingement
- MCP PreFlex design positions the joint at 30° flexion at rest, minimizing implant stress
- Buttress block impedes over-growth and eliminates the need for grommets
- Rectangular cross-section stems provide rotational stability

\*Note that the SR PIP and SR MCP are available in the US as HDE devices only