Next Generation Product Comparison
A Head-to-Head Analysis

The dish depth increases with head diameter, which is designed to help **improve radiocapitellar wear characteristics** over the current generation Acumed Anatomic Radial Head

With the **annular ligament in mind**, an S-shaped contour was built into the lateral side of the radial head prosthesis.

The implant’s medial surface is contoured to better **replicate the lateral trochlear ridge facet**, which may help avoid cartilage erosion

Contouring of the medial side of the head has been further defined to **track against the lateral side of the ulna**.
The Anatomically Accurate Radial Head Prosthesis, Refined

The first and only prosthesis intended to replicate the patient’s native radial head has been refined to offer additional anatomy-based features. Originally released in 2006, the prosthesis has been used in thousands of radial head procedures over multiple system generations and product line improvements.

Biomechanically Superior Design

Several biomechanical studies have discussed the potential long term value of an anatomically shaped radial head prosthesis.

“The geometry of radial head implants strongly influences their contact characteristics. In a direct radius-to-capitellum axial loading experiment, an anatomically designed radial head prosthesis had lower and more evenly distributed contact pressures than the nonanatomic implants that were tested.”\(^1\)

References
