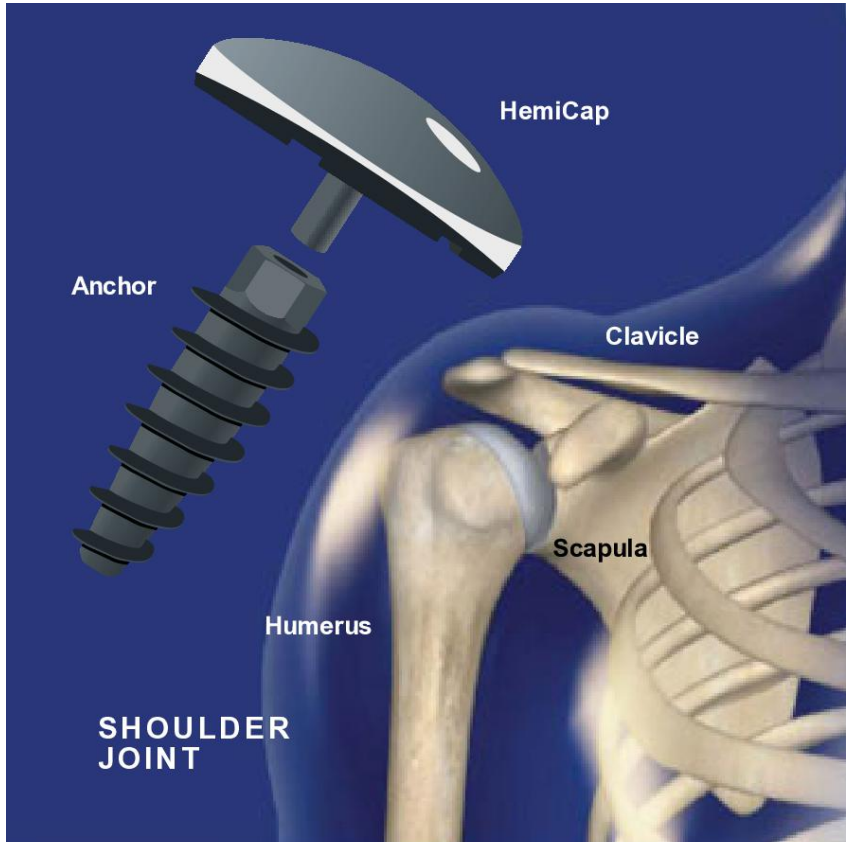




HemiCap® Resurfacing



Overview

This procedure uses a small, metal, cap-like implant to cover damaged or missing articular cartilage in the shoulder joint. Articular cartilage covers the joint surfaces of bones, allowing them to glide smoothly against each other. In the shoulder, arthritis or an injury may result in loss or damage of the cartilage on the round humeral head, causing pain and limited motion. Resurfacing this damaged area can help relieve pain and improve motion.

Preparation

The patient is anesthetized, the shoulder is cleaned and sterilized, and the patient is positioned so that the surgeon has access to the shoulder. At the beginning of the procedure the surgeon may inspect the joint with an arthroscope, a tiny camera that allows the surgeon to view the joint surface on a monitor.

Accessing the Joint

After the shoulder is inspected, an incision is made in the front of the shoulder, and the damaged humeral head is exposed.

Preparing the Surface

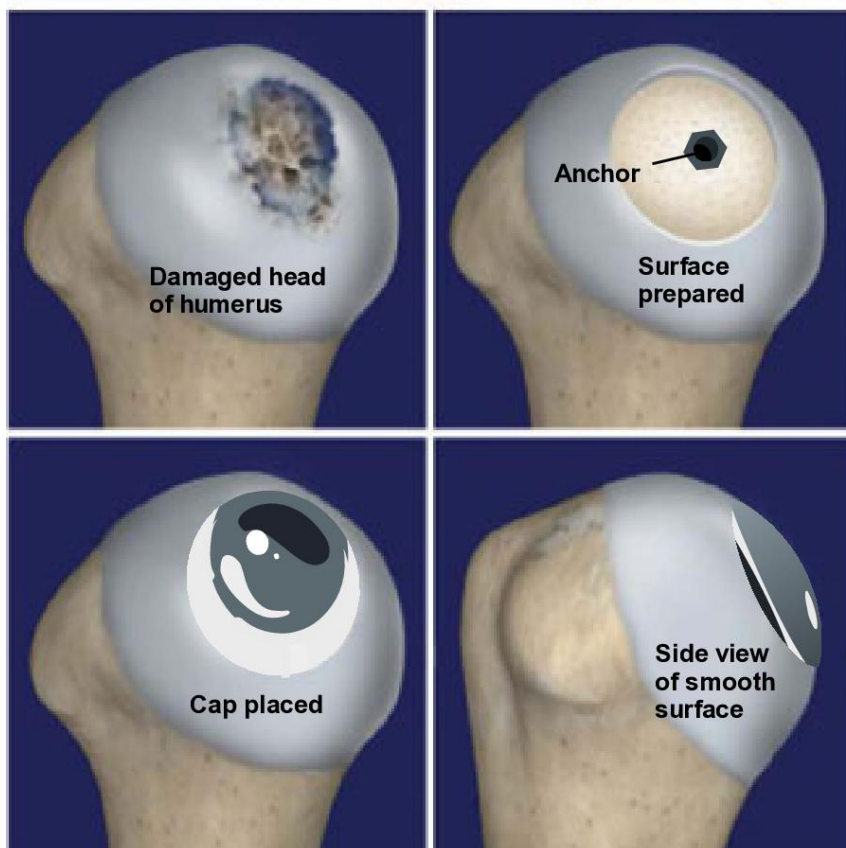
A guide wire is placed into the center of the damaged area, and special instruments are used to size the damaged area and prepare the surface for the implant. A special screw is placed in the base of the prepared area to anchor the implant.

Placing the Cap

After the damaged area has been prepared, the metal cap is inserted and seated on the anchor, covering the damaged area and providing a smooth joint surface.

End of Procedure and Aftercare

The ball of the humerus is placed back into the socket and the incision closed. After the procedure, the patient may be admitted to the hospital or discharged home, based on surgeon preference. Light activity is usually allowed immediately after the procedure, and physical therapy is normally required.



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