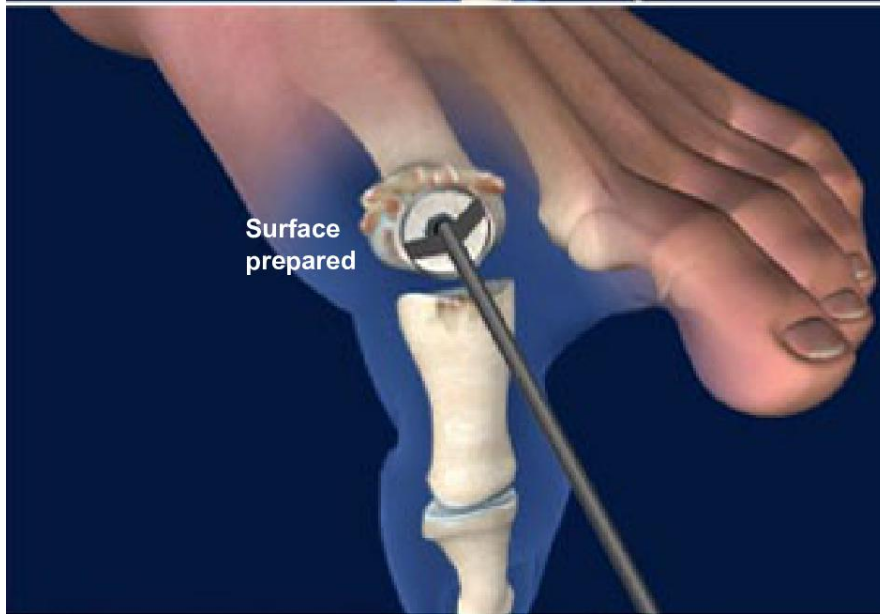
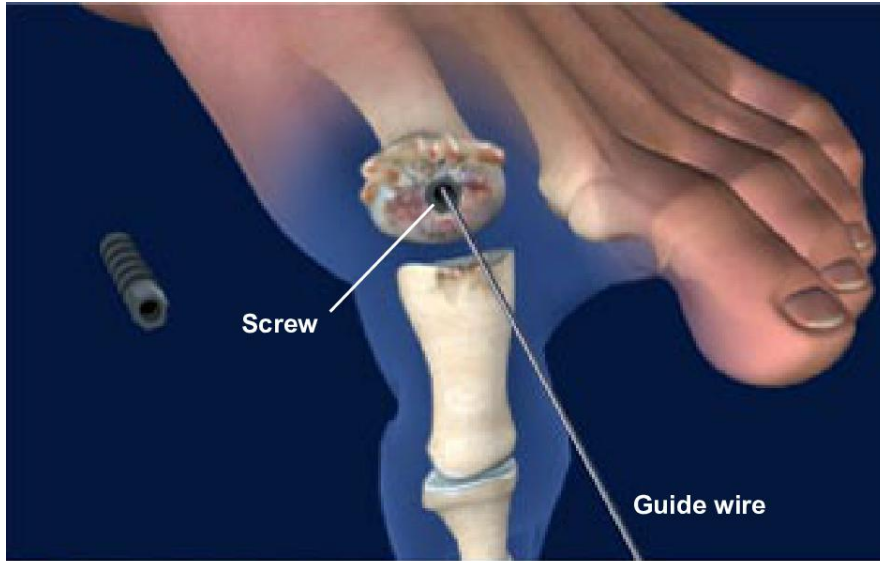




Arthrosurface® HemiCAP® Resurfacing for the Great Toe



Overview

This procedure uses a small, metal, cap-like implant to cover damaged or missing articular cartilage in the joint of the great toe, restoring mobility to the toe. Articular cartilage covers the surfaces of bones in the joint, allowing them to glide smoothly against each other. This procedure is commonly used to treat hallux rigidus, or stiff big toe.

Accessing the Joint

The foot is cleansed and sterilized and anesthesia is administered. The surgeon makes an incision along the top of the foot at the base of the toe and the joint is exposed and examined.

Inserting the Anchor

A guide wire is inserted and placed into the middle of the damaged area. The surgeon screws the base of the implant into the bone over the guide wire. This screw is the anchor that will hold the implant in place.

Preparing the Surface

Several specially-designed instruments are inserted to measure the damaged area and prepare the joint for the implant.

Placing the Cap

The metal cap is inserted and seated on the anchor, covering the bone and providing a smooth surface. Bony outgrowths at the margins of the articular surface on both sides are removed to allow free motion.

End of Procedure and Aftercare

The incision is closed with sutures and the foot is bandaged. A hospital stay of one to two days may be necessary after the surgery. Early active toe movement is recommended along with weight bearing in a surgical shoe.