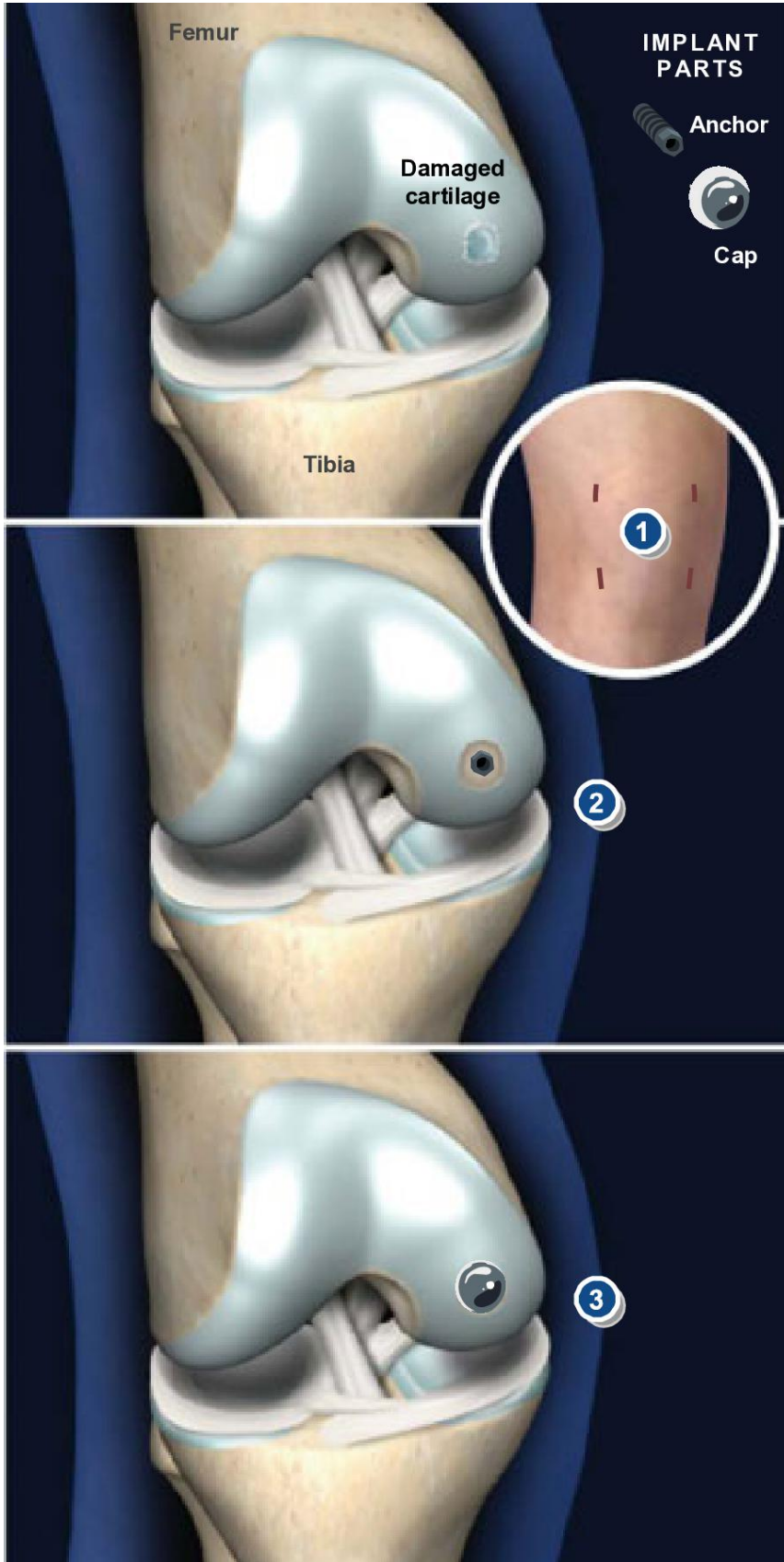




Arthrosurface® HemiCAP® Resurfacing



Overview

This arthroscopic procedure uses a small, metal, cap-like implant to cover damaged or missing articular cartilage in the knee joint. The articular cartilage covers the surfaces of the bones in the joint, allowing them to glide smoothly against each other. The procedure can typically be performed in about an hour.

Preparation

The patient is positioned so that the knee is clearly visible to the surgeon, and the knee is cleaned and sterilized.

Accessing the Joint

Two or more small incisions are made in the knee, and the surgeon inserts a tiny camera called an arthroscope and other surgical instruments. The camera allows the surgeon to view the procedure on a monitor.

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. This screw is the anchor that will hold the cap of the implant in place.

Preparing the Surface

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

Placing the Cap

The metal cap is inserted and seated on the anchor, covering the bone and providing a smooth, unblemished surface.

End of Procedure and Aftercare

The instruments are removed, the incisions are closed and the knee is bandaged. The patient will be able to go home one to two days after the surgery. The patient can place weight on the knee immediately. Physical therapy will be needed.