LIBERTAS®

HIP

TAPER REDUCED STEM
Surgical Technique

Pursue Life™

STEPS 1 2 3

LIBERTAS® TR SURGICAL TECHNIQUE

STEP 1: Patient Position and Surgical Approach

The goal of a surgical approach is to establish adequate visualization of the anatomy for stability and leg length evaluation. A number of surgical approaches can be explored for the hip joint based on preference and surgical experience.

Patient Position and Surgical Approach

STEP 2: Accessing the Femoral Canal

To access the femoral canal, use a straight or offset box chisel; determine the orientation and access the lateral section of proximal femur (Fig. A). A single starter reamer on a T-handle can be used to initiate the opening and gain access to the femoral canal in accordance with observations from the pre-operative X-rays (Fig. B).

Figure 2A

Figure 2B

STEP 3: Femoral Canal Preparation

Choose the smallest TR broach and attach it to the broach handle and lock the handle. Commence broaching and increase the broach size sequentially until the desired fit or the templated size is achieved. Please note that the orientation of the smallest broach will subsequently dictate the medial/lateral and anterior/posterior position of subsequent broaches and the final implant.

Figure 3

LIBERTAS® TR SURGICAL TECHNIQUE

STEP 4: Trial Reduction

Attach appropriate trial neck into final broach post and engage the trial femoral head of desired diameter and neck length. Reduce the hip and evaluate the joint for stability and soft tissue tension.

Figure 4

STEP 5: Stem Insertion

Attach and secure the stem implant to the threaded femoral inserter. Slide the implant into the prepared cavity retaining the proper orientation and version. Gently tap the inserter to seat the implant until there is an audible change in its pitch. Verify radiologically that the stem is fully seated.

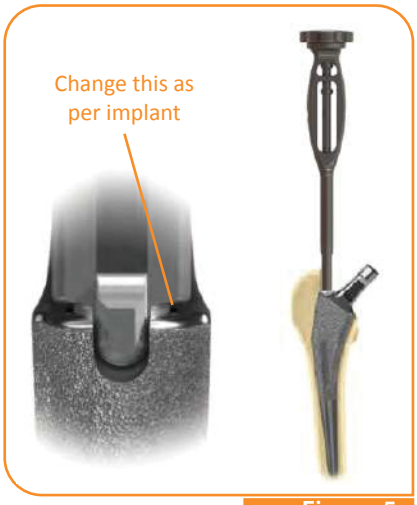

Figure 5

STEP 6: Final Reduction

If desired, another trial reduction can be performed prior to the implantation of the modular head, by using trial heads with various offset options. Gently tap the final femoral head implant securing it to the neck of the stem.

Figure 6

PRECAUTIONS

Preoperative templates are provided for determining optimal component size, femoral neck resection level and appropriate neck length (Figure 2). Radiographs should include a full AP (anterior/posterior) view of the pelvis, including the Proximal one-half of both femurs and a lateral view of the Proximal half of the affected femur.

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For more information about Libertas® Hip, please contact your local representative.

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Libertas® Hip System

℞ only

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Carefully read all instructions and be familiar with the surgical techniques prior to use.

Please see the package insert for complete device description, product selection information, indications, contraindications, precautions, adverse effects, warnings, materials, sterilization and patient guidance associated with the Libertas® Total Hip System.

CAUTION: THIS DEVICE IS RESTRICTED TO SALE BY OR ON THE ORDER OF A LICENSED PHYSICIAN

WARNINGS: LIBERTAS® PROXIMALLY COATED UNCEMENTED FEMORAL STEM (TI6AL4V ELI-COATED STEM) MUST NOT IMPLANT WITH CEMENT. IT IS INTENDED FOR PRESS-FIT UNCEMENTED USE ONLY.

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