

Rejuvenate Total Hip System

Surgical Protocol

Preoperative Templating

The Rejuvenate Femoral Platform includes a complete set of both acetate (120% magnification) and digital femoral templates.

Acetabular Options

Stryker offers a wide variety of acetabular components that are compatible with the Rejuvenate Total Hip System. The surgeon should refer to the specific acetabular component's surgical technique for a discussion of acetabular surgical procedures.

Surgical Approaches

Each surgeon should use the surgical approach for total hip arthroplasty with which he or she is most familiar. Patient positioning, prepping and draping, the skin incision, soft tissue dissection, and hip dislocation are performed according to the surgeon's preferred technique, making certain to adequately expose the acetabulum and the proximal femur. The Rejuvenate Total Hip System accommodates most well-established surgical approaches.

Indications

The Rejuvenate Total Hip System is intended for primary total hip arthroplasty. These femoral stems are designed to be pressfit into the proximal femur. The indication for use of total hip replacement prostheses include:

- ▶ Rheumatoid arthritis.
- ▶ Correction of functional deformity.

Conditions Presenting Increased Risk Of Failure Include But Are Not Limited To:

- ▶ Uncooperative patient or patient with neurologic disorders, incapable of following instructions.
- ▶ Osteoporosis.
- ▶ Metabolic disorders which may impair bone formation.
- ▶ Osteomalacia.
- ▶ Excessive loads due to patient activity and/or patient weight.

Patients should be warned of these contraindications and risks.

See the package insert for warnings, precautions, adverse effects and other essential product information.

System Overview

The Rejuvenate Femoral Platform is a modular primary hip system of femoral stems and necks that provide surgeons with options for personalizing the implant to each patient's anatomy and biomechanical needs. The fixation philosophy is built upon the clinically successful Stryker hip stems. The Rejuvenate femoral stem represents the latest evolution in the OmniFit and Secur-Fit product lines, which has a successful published clinical history.³

The Rejuvenate stem bodies are made of TMZF alloy, a proprietary Stryker material with a plasma sprayed coating of commercially pure (CP) titanium and PureFix

- ▶ Non-inflammatory degenerative joint disease including osteoarthritis and avascular necrosis.
- ▶ Treatment of non-union, femoral neck and trochanteric fractures of the proximal femur with head involvement that are unmanageable using other techniques.
- ▶ This hip stem is intended for press-fit use only.

Contraindications

- ▶ Overt infection.
- ▶ Skeletally immature patients.
- ▶ Distant foci of infections, which may cause hematogenous spread to the implant site.
- ▶ Rapid disease progression as manifested by joint destruction or bone absorption apparent on roentgenogram.
- ▶ Cases where there is a loss of abductor musculature, poor bone stock, or poor skin coverage around the hip joint, which would make the procedure unjustifiable.

The Rejuvenate femoral instrumentation consists of unique hip instruments. The design of the Rejuvenate Instrumentation incorporates suggestions and feedback from an esteemed panel of orthopaedic surgeons, as well as key staff members from the operating room (OR) and central supply.

The broach contours the proximal femur to the geometry of the stem to provide a complimentary fit of the stem to the bone. The broaches are designed with a series of teeth that are intended to seat against highly densified cancellous bone for the interference press-fit in the uncemented application.

◀ previous

next ▶