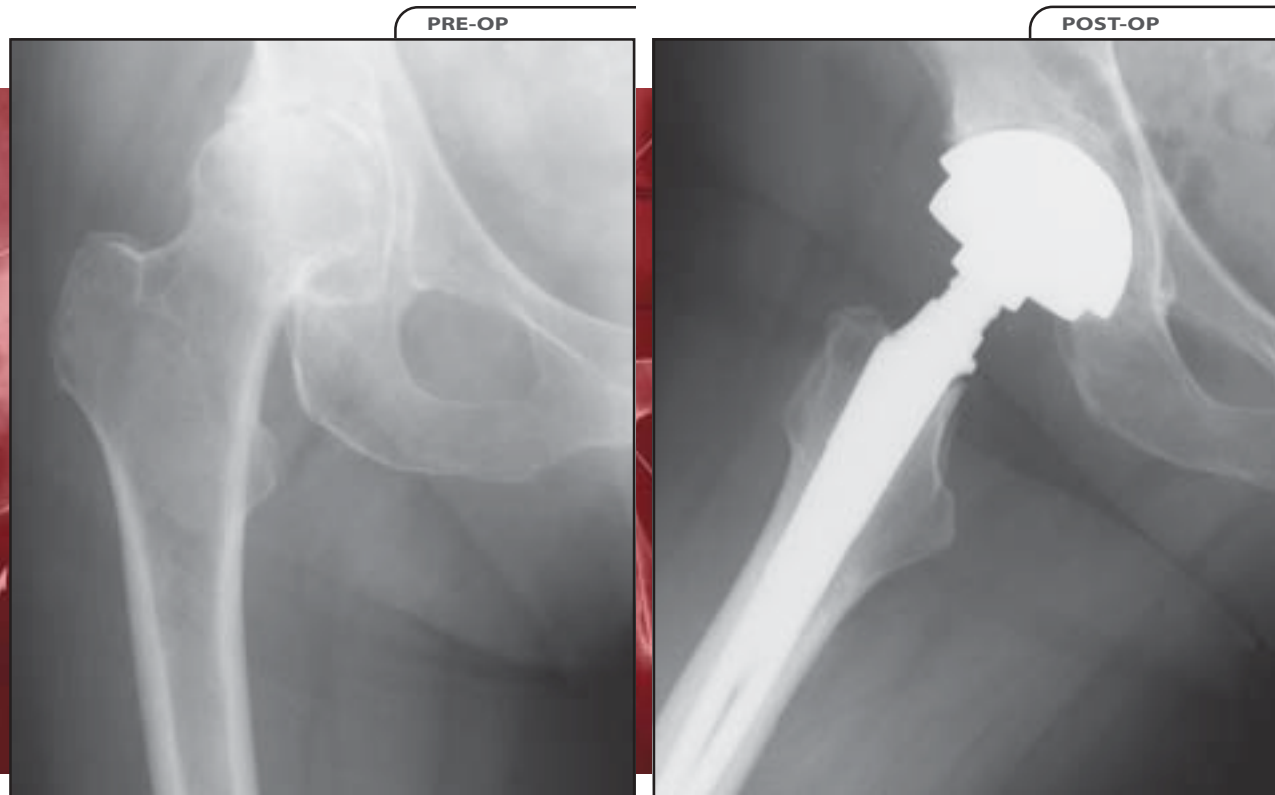


CONSERVE® Total Femoral Resurfacing System w/ BFH Technology
The Use of Large Diameter Femoral Heads
For Degenerative Osteoarthritis In Elderly Female

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INTRODUCTION

Postoperative hip dislocation is a common problem after total hip arthroplasty. It is a fairly common late complication of polyethylene wear. The recent development of the CONSERVE® Total with Big Femoral Head (BFH™) Technology used in conjunction with the PERFECTA® RS femoral component can solve these hip dislocation problems. We believe that the system can also quite possibly solve the long term wear problems that have previously been associated with total hip arthroplasty.

PATIENT PROFILE

Patient is an active 83 year-old female with severe degenerative arthritis affecting the right hip. This arthritic hip caused severe pain in the groin and right leg. She limped and was very restricted in her ability to be active. The examination revealed a patient who walked with a marked limp. The right hip range of motion was 10-90° with internal rotation to neutral and external rotation to about 40° with pain. The left hip was normal.

SURGICAL METHOD

Patient was placed in the lateral decubitus position. A posterior approach was used to expose the hip. Standard femoral

neck cut was made. A circumferential capsulectomy of the hip was performed. The socket was then reamed and the acetabular component measuring 1mm larger than the reamed socket was press fit in about 45° of abduction and 15-20° of anteversion. It was a very tight, secure fit. The femoral component was prepared by first reaming, then broaching to a size 14.2. A trial reduction was carried out and the -3.5mm neck length provided reproduction of normal leg length and normal hip tension. The PERFECTA® RS femoral component was then implanted. In this case, the femur was reamed to 13.5 for the 14.2mm implant. The reduced hip was exceptionally stable and the ROM was excellent.

POST-OPERATIVE COURSE

The patient is now two weeks postoperative and is recovering nicely from the surgery. There have been no postoperative problems to date and the patient has had excellent pain relief.



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