



Femoral heads



Femoral head surgical technique

Trial heads

The modular heads identified in this surgical technique are compatible with any of the femoral stem range from Smith & Nephew. Following implantation of the chosen stem, the appropriately sized modular head should be attached by pushing the trial onto a dry stem taper (Figure 1) with hand force as shown. Trial femoral heads are available across the size range of femoral heads. All trial heads are appropriately marked with head size and neck length by laser etch.

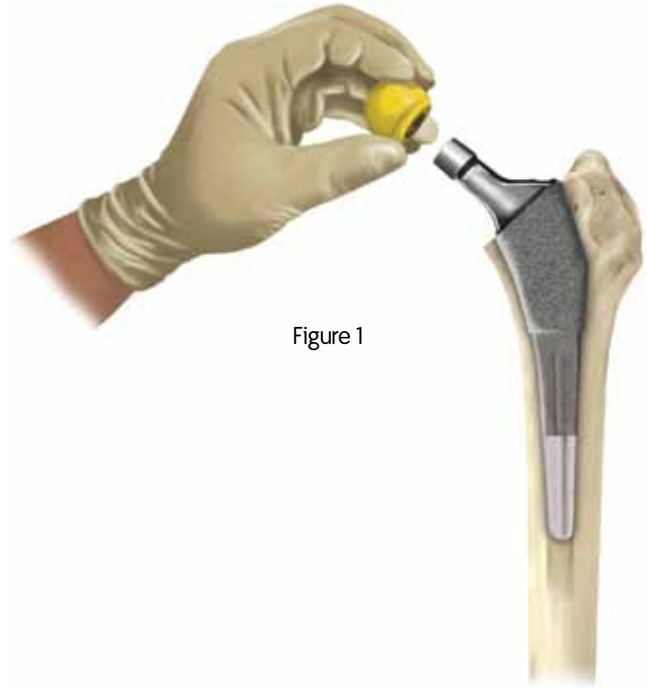


Figure 1

Implant assembly

Following the final implantation of the chosen stem, clean and dry the stem taper. If utilizing modular femoral heads that require the neck sleeve then firmly place the appropriate taper sleeve on the femoral taper (Figure 2).

If using a femoral head that does not utilize a neck length sleeve then firmly place the appropriate head on the femoral taper.

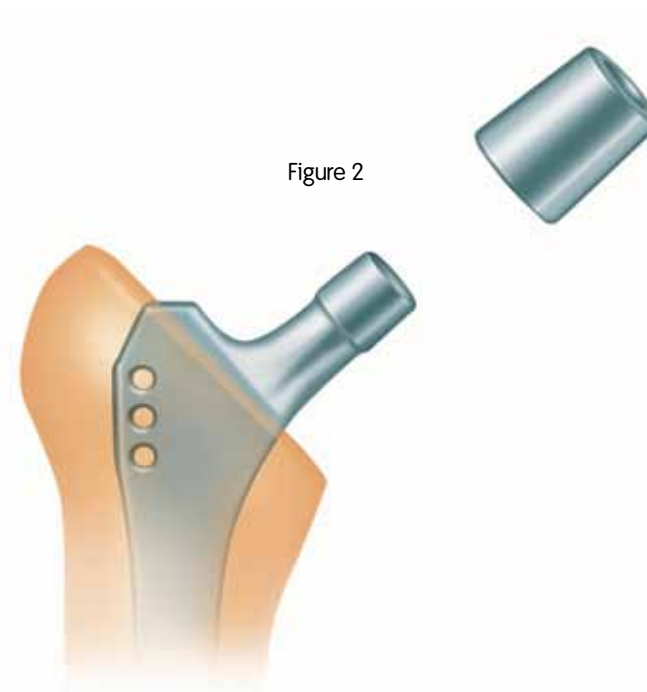


Figure 2

Femoral head surgical technique

Clean and dry the taper sleeve and place the appropriate size modular head onto the sleeve (Figure 3).



Figure 3



Impact femoral head (Figure 4).

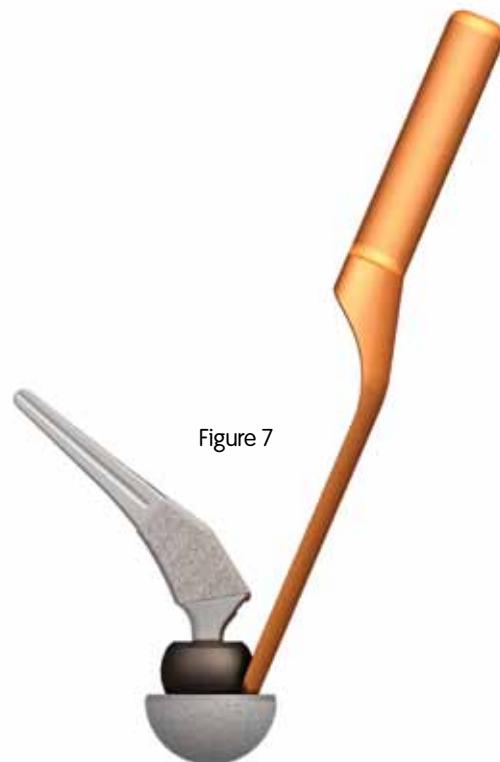
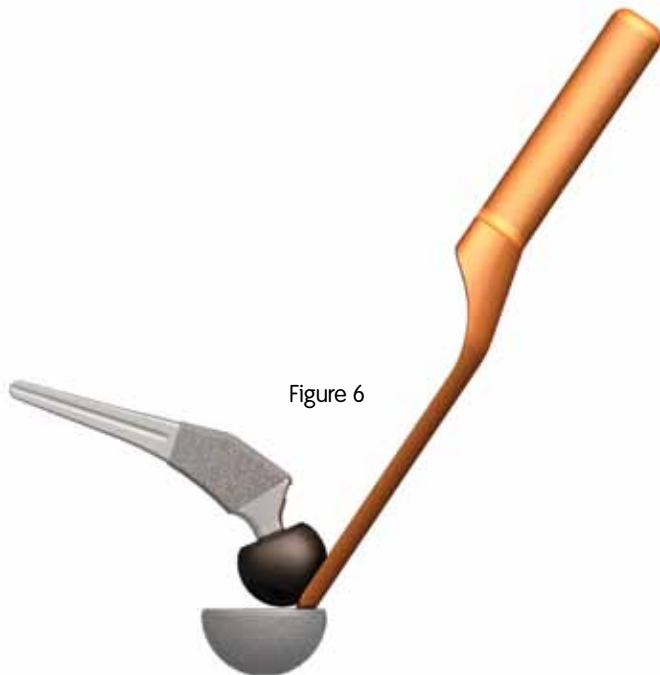
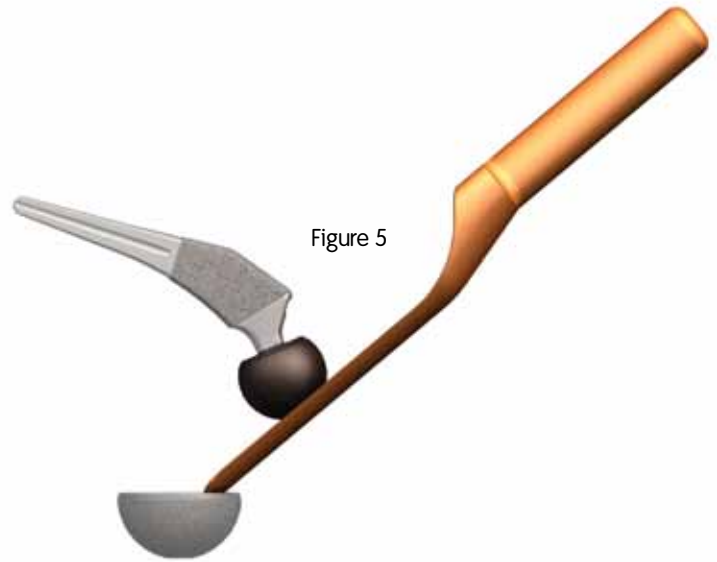


Figure 4

Femoral head surgical technique

Femoral head reduction

To aid in the reduction of the femoral head into the acetabulum when using the femoral head trial or the femoral head implant, a femoral head reducer may be utilized. To utilize the femoral head reducer, place the tip of the reducer at the entrance to the acetabulum and position the femoral head onto the femoral head reducer as shown in Figure 5. While reducing the femoral head, the femoral head reducer allows the femoral head to slide along the tool and into the acetabulum with minimal risk of scratching the head on the edge of the acetabular shell. Figures 5-7 demonstrate the technique of using the femoral head reducer.





OXINIUM® Femoral Heads 12/14 Taper

Neck Length	28mm	32mm	36mm
-3	71342803	71343203	71343603
+0	71342800	71343200	71343600
+4	71342804	71343204	71343604
+8	71342808	71343208	71343608
+12	71342812	71343212	71343612
+16	71342816	71343216	—

*71342340 OXINIUM 40mm Modular Femoral Head

*71342344 OXINIUM 44mm Modular Femoral Head



Titanium Modular Neck Sleeve 12/14 Taper

Neck Length	
-4	71344245
+0	71344247
+4	71344248
+8	71344249

*Use with 40mm and 44mm Oxinium and CoCr Modular Femoral Heads



CoCr Femoral Heads 12/14 Taper - Cobalt Chromium - ASTM F 799

Neck Length	22mm	26mm	28mm	32mm	36mm
-3	—	—	71302803	71303203	71303603
+0	71302200	71302600	71302800	71303200	71303600
+4	71302204	71302604	71302804	71303204	71303604
+8	71302208	71302608	71302808	71303208	71303608
+12	71302212	71302612	71302812	71303212	—
+16	—	—	71302816	71303216	—

*71342640 CoCr 40mm Modular Femoral Head

*71342644 CoCr 44mm Modular Femoral Head



BioloX™ forte Ceramic Femoral Heads 12/14 Taper

Neck Length	28mm	32mm	36mm
+0 (short)	71330280	71330320	71332084
+4 (medium)	71330284	71330324	71332085
+8 (long)	71330288	71330328	71332086



Bilox™ *delta* Ceramic Femoral Heads 12/14 Taper

Neck Length	32mm	36mm	40mm
+0 (short)	76539160	76539165	71346004
+4 (medium)	76539161	76539166	71346005
+8 (long)	76539162	76539167	71346006



MI Trial Femoral Head

Neck Length	28mm	32mm	36mm
-3	71369708	71369714	71369720
+0	71369709	71369715	71369721
+4	71369710	71369716	71369722
+8	71369711	71369717	71369723
+12	71369712	71369718	71369724
+16	71369713	71369719	—

Femoral Head Trial

Neck length	40mm	44mm
-4	71366516	71360812
+0	71366517	71360813
+4	71366518	71360814
+8	71366519	71360815



Femoral Head Impactor

Cat. No. 71364009



Femoral Head Reducer

Cat. No. 71363076

Note: The femoral head reducer does not automatically ship with femoral heads. The femoral head reducer must be ordered separately.

Note:

1. Do not reassemble previously assembled femoral head or neck sleeves
2. Do not assemble a ceramic femoral head onto a femoral taper that has previously been used
3. Do not implant the trial femoral head
4. Do not impact the femoral head reducer

Orthopaedics

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