

alliance[®]
HIP SYSTEMS

GENERATION
POLISHED HIP SYSTEM



exact
Hip Instrumentation

BIOMET
ORTHOPEDICS, INC.

GENERATION 4™ POLISHED HIP SYSTEM

The Generation 4™ Polished Cemented stem has been designed to meet the demands of today's active patient. Its heritage and many design features can be traced back to the original philosophies of Sir John Charnley. The Generation 4™ Polished Hip System is a fusion of sound engineering principals and surgical expertise, utilizing modern manufacturing and design technologies.



Featuring a 3 degree bi-planar taper which promotes compressive loading of the cement mantle.



The highly, polished surface of the forged Cobalt Chrome stem helps preserve the integrity of the cement mantle under repeated loading.

PMMA Distal Centralizer promotes an even cement mantle around the prosthesis.

Optional PMMA Modular Proximal Sleeve locks into machined grooves, allowing easy stem insertion and a uniform proximal cement mantle.

Unique inserter/remover mechanism holds stem securely during insertion. Smooth disengagement allows version to be maintained.



Reduced medial collar facilitates reproducible and accurate placement of the stem during cementing.



Trapezoidal neck geometry reduces the risk of impingement and provides for range of motion up to 154°.



The offset of the standard and lateralized stems increases proportionally with stem size, allowing accurate matching of patient anatomy and improved tissue tension without altering leg length.

ORDERING INFORMATION

GENERATION 4™ POLISHED CEMENTED FEMORAL COMPONENT

Stem Size	Stem Length	Implant Standard	Implant Lateralized	Exact™ Alliance® Fully Toothed Broach
9 mm	115	164009	11-164009	31-480009
11 mm	120	164011	11-164011	31-480011
13 mm	130	164013	11-164013	31-480013
15 mm	140	164015	11-164015	31-480015
17 mm	150	164017	11-164017	31-480017

PMMA DISTAL CENTRALIZERS

Size	Part No.
9 mm	162656
10 mm	162640
11 mm	162657
12 mm	162641
13 mm	162658
14 mm	162642
15 mm	162659
16 mm	162643
17 mm	162660

GENERATION 4™ PMMA MODULAR PROXIMAL CENTERING SLEEVES

Size	Part No.
9 mm	162781
11 mm	162782
13 mm	162784
15 mm	162786
17 mm	162787

The Generation 4™ femoral component can be implanted using only two trays of Exact™ Alliance® instruments.

The Generation 4™ Polished Hip System has been designed and developed in conjunction with:

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 Form No. Y-BMT-852/071504/K