DESIGN RATIONALE
CEMENTED & PRESS-FIT

UNIFIED INSTRUMENTATION
INTRAOPERATIVE FLEXIBILITY
PROVEN BIOMECHANICS
The Summit™ Basic Hip completes the successful Summit Tapered Hip Platform, providing more surgical options than ever before. The Summit Basic Hip offers dedicated press-fit and cemented stems, allowing you to choose the most appropriate fixation for your patient.

The Summit Basic Hip features streamlined, straightforward instrumentation that is shared with the Summit Tapered Hip System. The well-organized Summit Basic instruments allow the option to choose the right implant intraoperatively, without altering femoral preparation.

The Summit Basic Hip enhances OR efficiency by offering a constant offset and neck length throughout the size range. This configuration provides restoration for a wide range of patient anatomies and allows for the use of a single neck trial for all Summit Basic implants.
ROUGH, GRIT-BLASTED SURFACE FOR PRESS-FIT APPLICATIONS

TAPERED GEOMETRY PROVIDES OPTIMAL FIT AND FILL OF THE PROXIMAL FEMUR

FORGED TITANIUM ALLOY METALLURGY

TAPERED NECK GEOMETRY IMPROVES RANGE OF MOTION

ARTICUL/EZE® 12/14 NECK TAPER OFFERS A WIDE CHOICE OF FEMORAL HEAD OPTIONS

BULLET TIP REDUCES CORTICAL IMPINGEMENT

SUMMIT BASIC PRESS-FIT STEM ARTICUL/EZE® 12/14 NECK TAPER OFFERS A WIDE CHOICE OF FEMORAL HEAD OPTIONS

TAPERED GEOMETRY PROVIDES OPTIMAL FIT AND FILL OF THE PROXIMAL FEMUR

FORGED TITANIUM ALLOY METALLURGY

TAPERED NECK GEOMETRY IMPROVES RANGE OF MOTION

ROUGH, GRIT-BLASTED SURFACE FOR PRESS-FIT APPLICATIONS

BULLET TIP REDUCES CORTICAL IMPINGEMENT

SUMMIT BASIC PRESS-FIT STEM
SUMMIT BASIC CEMENTED STEM

- ARTIC/EZE 12/14 NECK TAPER OFFERS A WIDE CHOICE OF FEMORAL HEAD OPTIONS
- LATERAL FLANGE PROVIDES CEMENT MANTLE COMPRESSION
- TAPERED NECK GEOMETRY IMPROVES RANGE OF MOTION
- FORGED COBALT CHROME ALLOY METALLURGY
- SMOOTH SURFACE SPECIFICALLY DESIGNED FOR CEMENTED APPLICATION
- DISTAL CEMENTRALIZER™ OPTION TO ENHANCE THE CEMENT MANTLE

DISTAL CEMENTRALIZER™ OPTION TO ENHANCE THE CEMENT MANTLE
One set of broaches for the entire Summit Tapered Hip System.

The Summit Basic Hip is part of the integrated Summit Tapered Hip System. This advanced systems approach provides the following advantages:

- The same instrumentation is used for all implants in the system, dramatically lowering the learning curve.
- Any implant within the Summit system may be used without altering the surgical technique.
- Patients with varying needs, such as bone types and fixation, may be treated with the same instrument set.
The Summit Basic Hip, cemented or press-fit.

Intraoperative flexibility means that you can always use the implant that is exactly right for your patient. The Summit Basic Hip offers the intraoperative flexibility to choose press-fit or cemented stems. Dedicated implants mean that you are never forced to compromise on fixation or biomechanics to provide your patients with the appropriate implant.

The Summit broach sizes match the implant sizes — if your final broach is Size 6, the Size 6 implant is selected. This is true of press-fit and cemented stems, so you never have to “downsize” to implant a cemented stem. The size-for-size system, combined with the single neck trial for all stems, makes the Summit Basic instrumentation the most streamlined, efficient system available today.
The Summit Basic Hip offers a constant offset and neck length throughout the size range. This design helps to provide flexibility by allowing you to select the proper intra-osseous size and fixation mode without compromising biomechanics. Additionally, the constant neck length and offset offered by this system are specifically designed to avoid complications resulting from too much offset and neck length that can be encountered when treating a Dorr Type C femur.

Through the natural aging process, the intramedullary geometry of the femur undergoes predictable changes. Independent review has confirmed that as the medullary canal enlarges in the Dorr Type C bone, the femoral offset and neck length remain relatively constant. The Summit Basic Hip is designed to avoid difficulty in reduction and/or overstuffing the hip joint by maintaining constant offset and neck length throughout the implant size range.
• Proven Summit platform instrumentation.
• Streamlined, broach-only surgical technique.
• Logical instruments improve OR efficiency.
SURGICAL TECHNIQUE OVERVIEW

Step One
CANAL INITIATION

Step Two
CANAL DEFINITION

Step Four
CALCAR MILLING
Step Three  
FEMORAL BROACHING

Step Five  
TRIAL EVALUATION

Step Six  
IMPLANT INSERTION
IMPORTANT
This Essential Product Information summary does not include all of the information necessary
for selection and use of a device. Please see full labeling for all necessary information.

INDICATIONS
Total Hip Arthroplasty (THA) is indicated for: a severely painful and/or disabled joint from
osteoarthritis, traumatic arthritis, rheumatoid arthritis or congenital hip dysplasia; avascular
necrosis of the femoral head; acute traumatic fracture of the femoral head or neck; failed previous
hip surgery; and certain cases of ankylosis.

CONTRAINDICATIONS
THA is contraindicated in cases of: active local or systemic infection; loss of musculature,
neuromuscular compromise or vascular deficiency in the affected limb, rendering the
procedure unjustifiable; poor bone quality; Charcot’s or Paget’s disease.

WARNINGS AND PRECAUTIONS
Components labeled for “Cemented Use Only” are to be implanted only with bone cement.
The following conditions tend to adversely affect hip replacement implants: excessive patient
weight, high levels of patient activity, likelihood of falls, poor bone stock, metabolic disorders,
disabilities of other joints. The following are the most frequent adverse events after THA: change
in position, loosening or fracture of components, dislocation, infection, tissue reaction.

REFERENCES
2. Data on file at DePuy Orthopaedics, Inc.

The Summit Cemented Femoral Stem is intended for cemented use only.
For more information about the Summit Tapered Hip System, visit our web site at www.jnjgateway.com/summithip.