

Profemur® Gladiator® System

Fast Forward™ to Versatility



Accommodates preferences in
surgeon's philosophy on stem
design and implant fixation

Versatile system
Modular and Classic
stem availability

Tapered
Wedge Design

Profemur® Gladiator®

Design Features



Proven Design Philosophy

The Profemur® Gladiator® design is based on the long proven concept of tapered wedge stems. The triple taper aims to ensure secure fit, while the proximal trapezoidal cross-section provides rotational stability¹. Horizontal and vertical macrostructures* to distribute loading forces and promote rotational stability².



Two Cementless Options

Proximal Titanium plasma spray 0.5mm circumferential thickness to encourage initial stability and potential long-term on-growth

- Available in classic and modular

Full Hydroxyapatite coating 180 µm thickness to enhance osteointegration and fixation

- Modular or classic collarless option
- Collared modular

10 sizes



Cemented Options

Composite-beam or shape-closed fixation design⁵

Matte finish, forged CoCr Alloy, collared

5 sizes



Reduced lateral shoulder to facilitate easy insertion



Bullet-shaped distal tip for a reduced risk of fracture during impaction and minimize point contact to assist thigh comfort

History

Over the last decades, Total Hip Arthroplasty has become a standard procedure. In order to obtain an optimal result, a perfect reconstruction and balance of the hip are essential. Simultaneous correction of leg length, offset, rotation, varus or valgus deformity seems to be impossible with one single hip system³⁻⁴.

Moreover, because of the diversity in proximal femoral geometry, one single stem design cannot cover all cases. The Profemur® Gladiator® Total Hip System was developed to offer a solution to these individual differences in the anatomy of the femoral canal. In order to deal with this variety in femoral canal index, the Profemur® Gladiator® stems are available in four options: cemented, plasma sprayed, hydroxyapatite collared and hydroxyapatite collarless, using the same set of instruments.

The system has been designed to accommodate surgeons' varied principles and techniques in total hip replacement. The choice of classic femoral stem options combined with modularity is offering the surgeon a highly valuable tool to achieve optimal hip reconstruction even in challenging cases.

References

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* for cementless versions

Disclaimer

Individual results and activity levels after surgery vary and depend on many factors including age, weight and prior activity level. There are risks and recovery times associated with surgery and there are certain individuals who should not undergo surgery.

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