

Gender Solutions[®] Patello-Femoral Joint System

Brochure



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Gender Solutions PFJ

The Gender Solutions PFJ System is designed to provide implants to address the anatomical differences among men and women with a reproducible instrumentation platform, aiming to simplify patello-femoral arthroplasty (PFA).

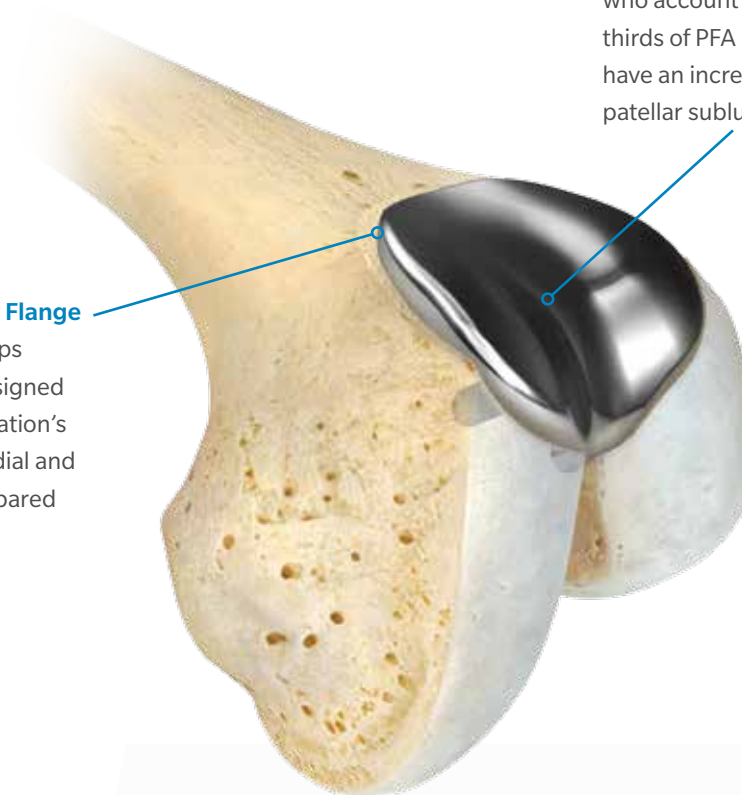


PFA shares many benefits with PKA such as bone preservation,¹ natural motion,¹ shorter hospital stay,² and fewer complications,^{3,4} but there have been multiple studies that show specific advantages of PFA over TKA as well.

- PFA is associated with shorter postoperative rehabilitation⁵
- PFA is associated with better knee kinematics in the sagittal plane because of the preservation of the tibiofemoral articulation, menisci, ACL and other supporting ligaments⁵
- PFA patients showed better functionality, less blood loss and greater return to activity⁶

Modified, Thinner Anterior Flange

A thinner anterior flange helps avoid overstuffing and is designed to address the female population's unique need for shorter medial and lateral condyle heights compared to men.⁹



Increased Trochlear Groove Angle

"This enhanced tracking angle has proven particularly useful in female patients, who account for approximately two-thirds of PFA recipients and who often have an increased Q-angle, dysplasia and patellar subluxation preoperatively..."⁸

Proprietary Guided Milling System

A simple instrument, eliminating challenges and errors presented in freehand techniques.⁷

By referencing native cartilage to determine varus/valgus placement, the intercondylar region of the implant is flush with surrounding cartilage to help avoid impingement of the patellar component.



References

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