

# Gender Solutions<sup>®</sup> 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,<sup>1</sup> natural motion,<sup>1</sup> shorter hospital stay,<sup>2</sup> and fewer complications,<sup>3,4</sup> but there have been multiple studies that show specific advantages of PFA over TKA as well.

- PFA is associated with shorter postoperative rehabilitation<sup>5</sup>
- PFA is associated with better knee kinematics in the sagittal plane because of the preservation of the tibiofemoral articulation, menisci, ACL and other supporting ligaments<sup>5</sup>
- PFA patients showed better functionality, less blood loss and greater return to activity<sup>6</sup>

### 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.<sup>9</sup>

### 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..."<sup>8</sup>

### Proprietary Guided Milling System

A simple instrument, eliminating challenges and errors presented in freehand techniques.<sup>7</sup>

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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