

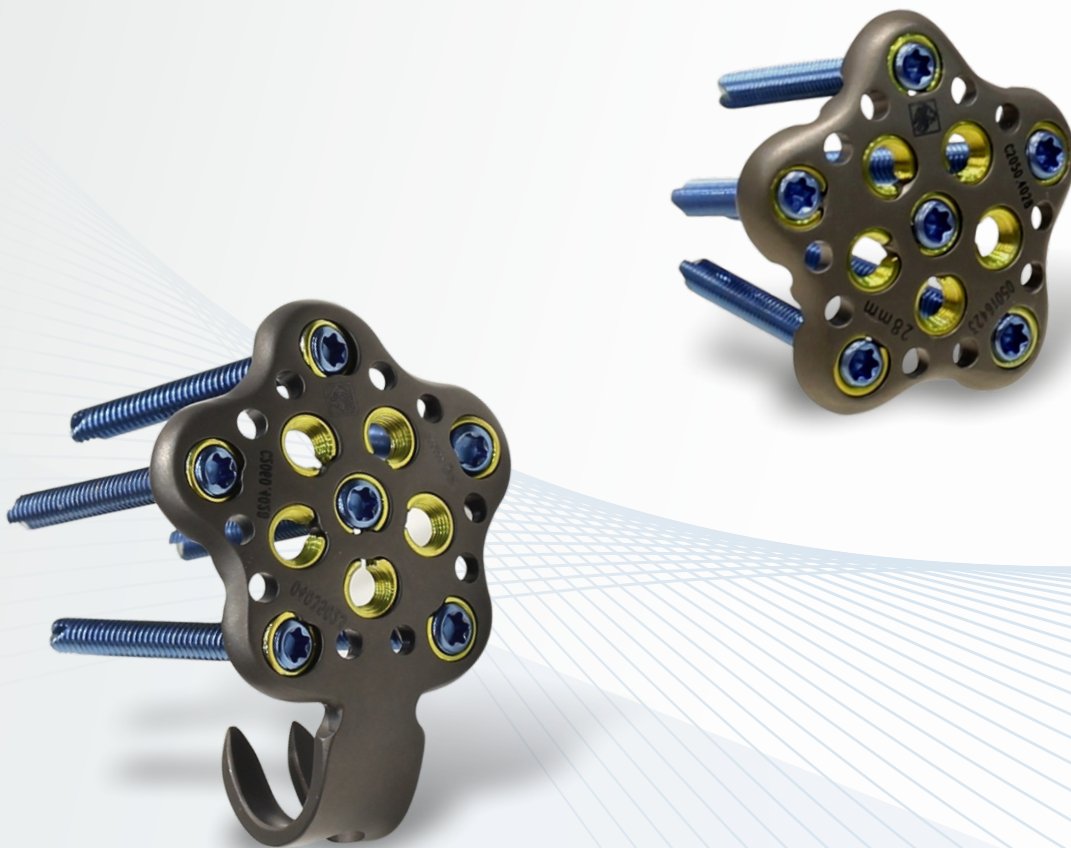


SORATH ORTHO

A DIVISION OF SIGMA SURGICAL

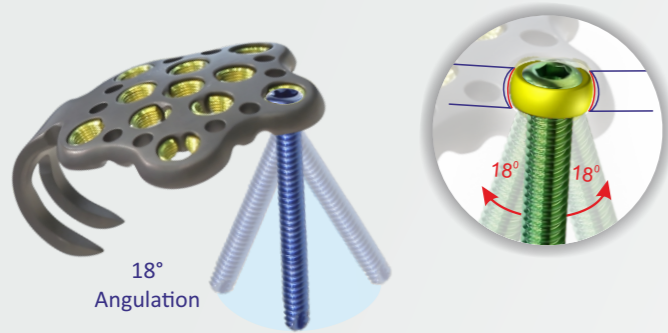
SPYROX PATELLA PLATE SYSTEM

Revolutionary Solutions for Patella Fracture Fixation



ISO 13485

www.sorathortho.co.in



SPYROX Technology

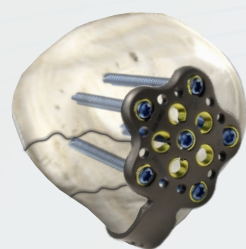
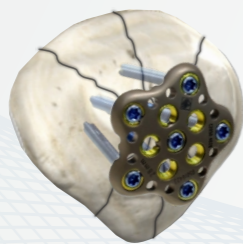
Variable Angle Locking: The SPYROX Technology incorporates a unique washer mechanism that allows up to 18 degrees of screw angulation. This feature provides surgeons with the flexibility to place screws at the optimal angle for each specific fracture, ensuring better alignment and stabilization.

Enhanced Fixation: The washer mechanism ensures secure fixation of screws in any direction within the specified range, promoting stability and alignment during the healing process.

Versatility in Fracture Management

SPYROX Patella Plate:

This plate is engineered to handle a variety of fracture patterns, including complex star and comminuted fractures. Its rotatable design allows surgeons to adjust the plate for optimal alignment and fixation, providing a customized fit that adapts to the specific anatomical and fracture variations of each patient. This flexibility ensures that even the most intricate fracture patterns can be effectively managed.



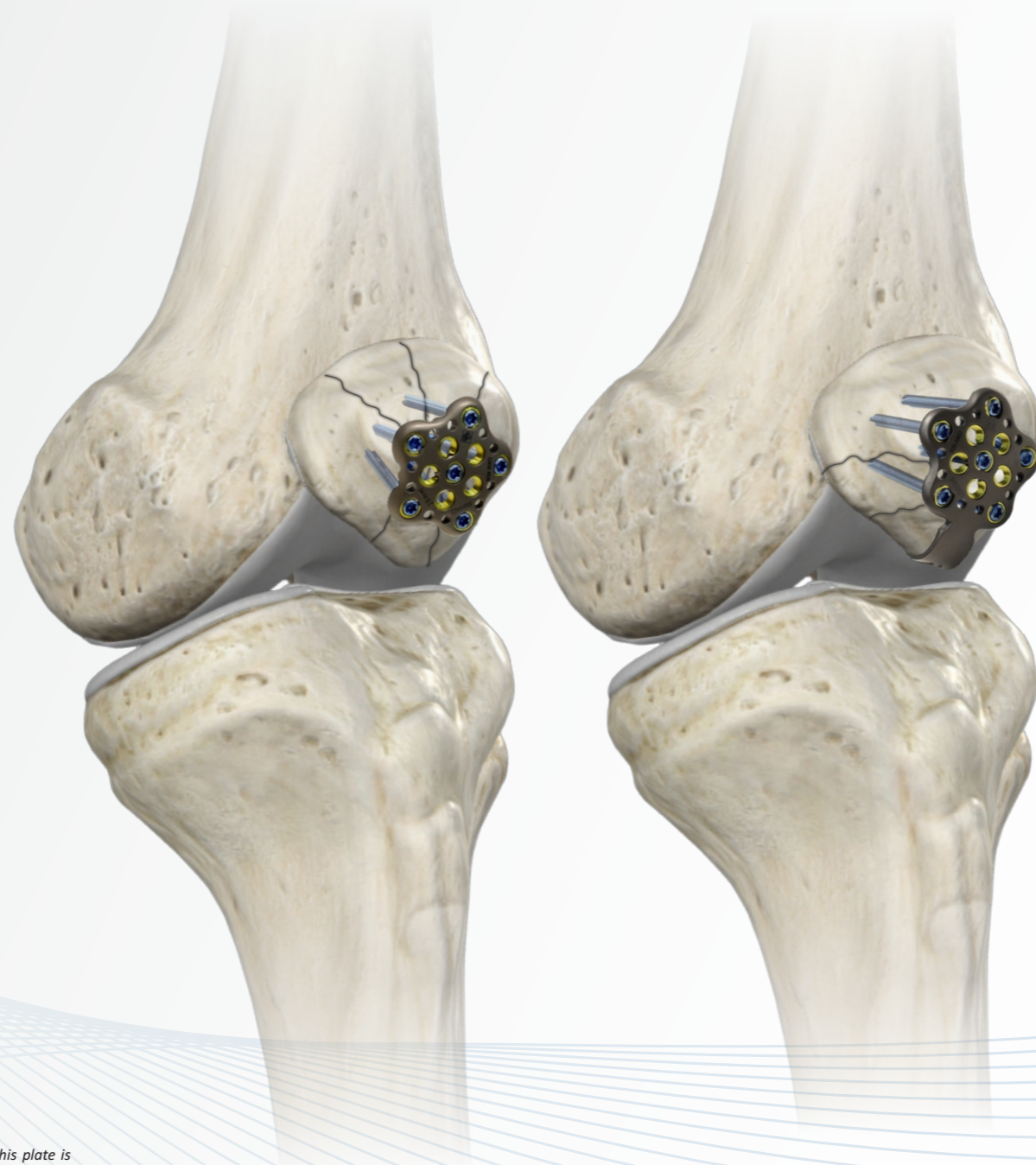
SPYROX Patella Plate with Hook:

Designed to provide exceptional support for pole fractures, this plate is particularly effective in treating detached and comminuted distal patella pole fractures. The inclusion of a hook offers additional fixation stability, ensuring that these challenging fractures are securely held in place. This specialized design enhances the surgical options available for complex fractures, promoting better healing and functional recovery.

Screw Option

provide two screw options for secure fixation tailored to the patient's needs and the specific requirements of the fracture.

- Twin Lock BCP Screw, Dia. 2.4 mm
- Twin Lock BCP Screw, Dia. 2.7 mm



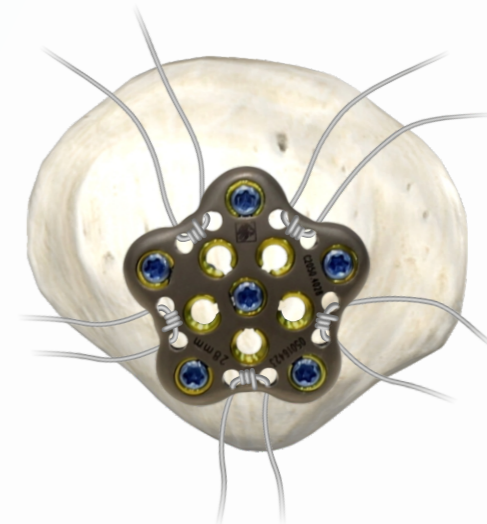
Anatomically Pre-Contoured Design

Improves Reduction: Conforms to the natural shape of the patella, reducing the risk of complications and improving functional outcomes compared to traditional methods like tension band wiring.



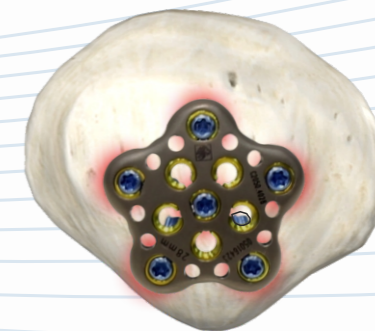
Early Weight Bearing and Knee Flexion

Accelerated Recovery allows patients to bear weight and flex the knee earlier in the recovery process compared to tension band wiring, promoting faster rehabilitation and return to normal activities.



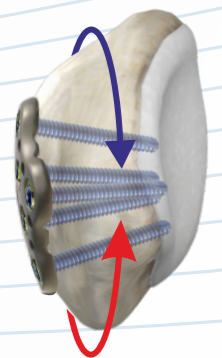
Soft Tissue Reattachment

Peripheral suture holes allow for the easy reattachment of soft tissues around the patella, aiding in proper healing and maintaining joint stability. This design supports better overall recovery and functional outcomes.



Enhanced Stability and Load Distribution

Optimal Load Distribution: Designed to evenly distribute mechanical loads across the patella, minimizing stress concentrations and reducing the risk of implant failure or complications.



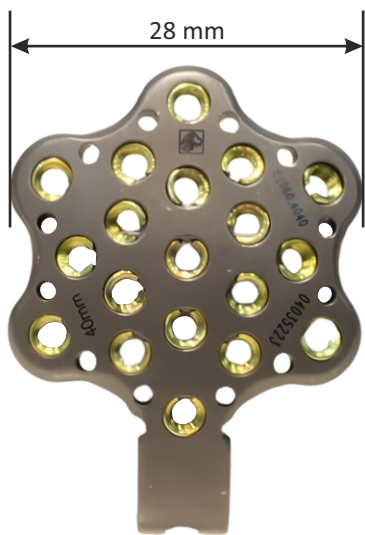
Improved Surgical Experience

Surgeon Advantage: Provides surgeons with advanced technology and features like SPYROX Technology, enhancing surgical precision and outcomes in patella fracture fixation.



SPYROX Patella Plate, Star

- 28, 34 and 40 mm of Plate Dia.
C20504028 to C20504040 (Ti)



SPYROX Patella Plate with Hook, Star

- 28, 34 and 40 mm of Plate Dia.
C20604028 to C20604040 (Ti)



Twin-Lock BCP Screw, Dia. 2.4 mm

- 06 - 30 mm (2 mm Variation in size)
A05404006 to A05404030 (Ti)



Twin-Lock BCP Screw, Dia. 2.7 mm

- 06 - 30 mm (2 mm Variation in size)
A05504006 to A05504030 (Ti)

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* The information in the Catalogue is valid as of May 2024 Designs and specifications are subject to be changed without notice.
* Product shown in Catalogue may differ from actual products.
* Sigma Surgical is not responsible for differences between the information in the Catalogue and the actual implants.

Manufacturing Facility :

SIGMA SURGICAL PRIVATE LIMITED

Survey no:1636/1,Opp. Bharat petrol pump,
Indore highway, Village-Kuha,
Taluka-Daskroi, Ahmedabad-382433.
Gujarat, India. 📍: 22.99946, 72.78633

Customer care :
+91-7575011006 / +91-8866211414

www.sorathortho.com
info@sorathortho.com