

APEX TIBIAL NAILING SYSTEM WITH SUPRAPATELLAR INSERTION

OrthoXel, a pioneer in trauma fixation, showcases the Apex Tibial Nailing System with expanded instrumentation options.

Exceptionally Engineered Locking Options for Every Patient Need



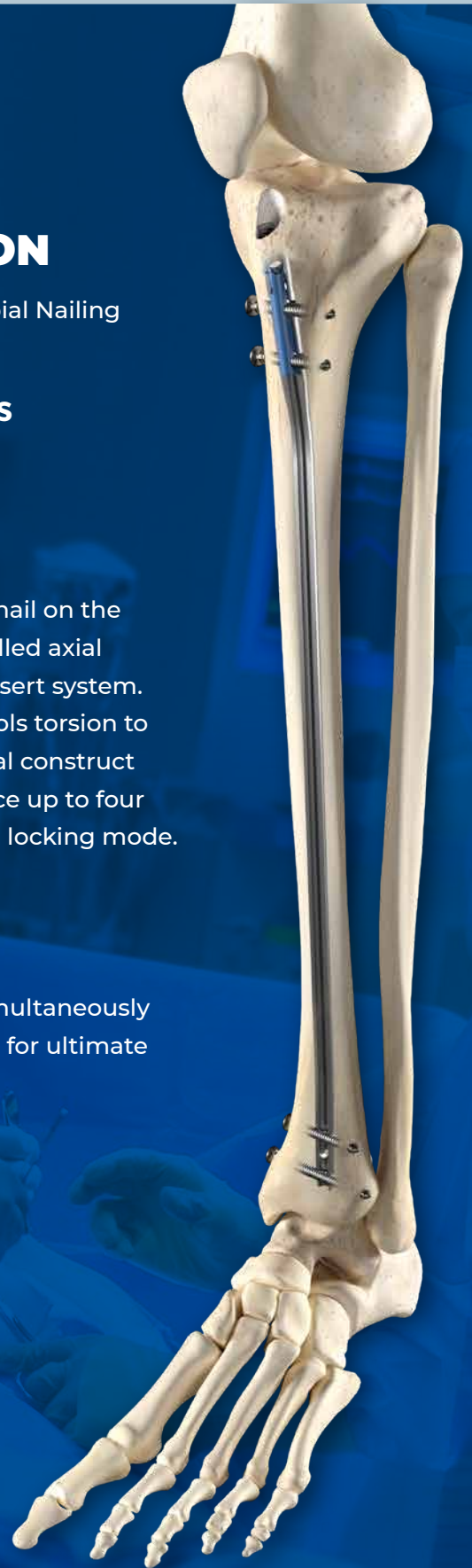
UNIQUE MICROMOTION

The first and only micromotion nail on the market achieves 1 mm of controlled axial motion via a patented gliding insert system. The insert simultaneously controls torsion to create a biomechanically optimal construct for secondary bone healing. Place up to four proximal screws in micromotion locking mode.



ULTIMATE RIGIDITY

Addition of a locking endcap simultaneously locks up to four proximal screws for ultimate rigidity when needed.



The innovative range of proximal locking options delivered by the Apex Tibial Nailing System will ensure your patients are getting the best choice in fracture fixation.

Unique Micromotion Fixation: Micromotion fixation enables controlled axial movement with enhanced torsional stability providing ideal conditions for callus formation. Choose from four screw trajectories when locking in micromotion mode, allowing placement of up to four screws to provide enhanced torsional rigidity while maintaining axial micromotion.

Clinical data has shown that patients with high risk fractures achieved early healing with the Apex Tibial Nailing System in micromotion locking mode, despite having various pre-existing comorbidities.

SUPRAPATELLAR INSTRUMENTATION

New instrumentation allows for implantation via the suprapatellar surgical approach. Studies have shown that this technique can contribute to less blood loss during surgery, a decrease in postoperative pain for the patient and improved range of movement score (ROM).¹

APEX TIBIAL NAIL SUPRAPATELLAR TARGETING GUIDE:



¹<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6023710/>

About OrthoXel

OrthoXel is a specialized orthopaedic trauma device company focused on the development of innovative products that are engineered for better clinical outcomes and ease of use. Our flagship Apex Tibial and Femoral nails are FDA 510(k) cleared.

If you have a question or would like further information including product materials, or if you are interested in working on a clinical research project, please get in touch.

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