PANTHER ORTHOPEDICS

PUMA System™

The First and Only FDA Cleared Superelastic Fixation Device

That Maintains Continuous Compression Without Creep

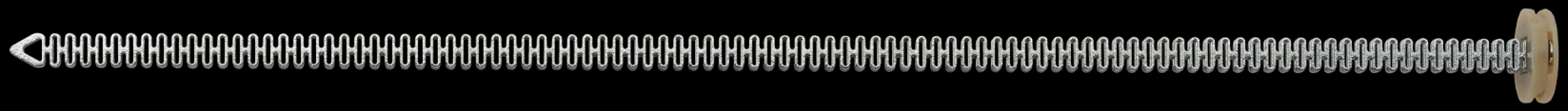
The PUMA System™ is a nitinol based fixation device that provides **stabilization without over-compression** or loosening with cyclical loading. It is a novel innovation with significant advantages over existing screw and endobutton type fixation devices. The PUMA System's superelastic design provides significant joint stabilization without creep while allowing for anatomical micro-motion. The biomechanical and clinical advantages of this implant have led to improved patient outcomes after ankle injuries.

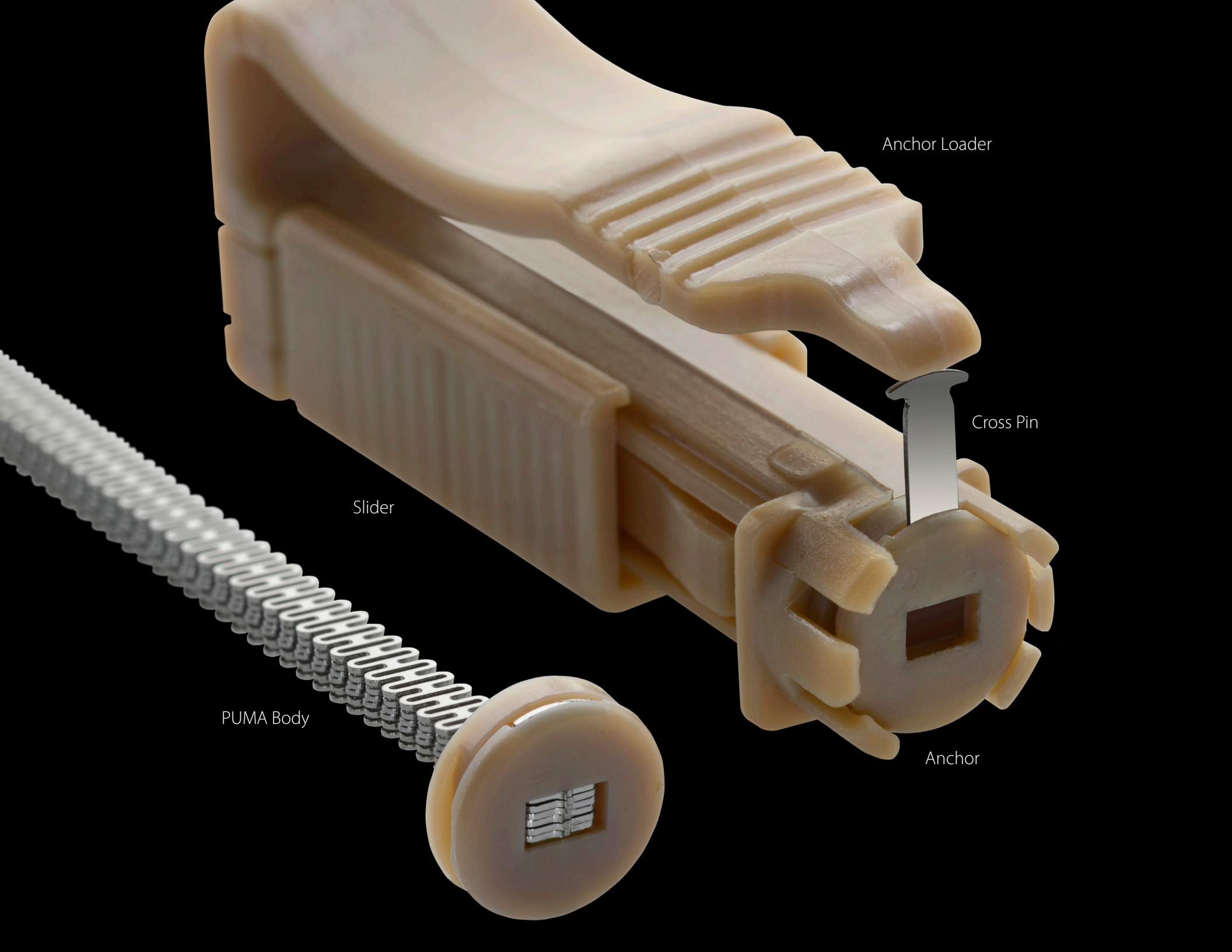
Indicated for Syndesmosis Fixation,

Hallux Valgus Reconstruction, and

Tarsometatarsal Fixation.

Available only in the United States.




Anchor Loader
Cross Pin
Slider
PUMA Body
Anchor

What Physicians Say About The PUMA System

"I consider the PUMA System to be a game changer. Its novel technology allows me to provide the best care available to my patients. Its biomechanics marry perfectly with biology, stability, fixation and strength. I have used it for almost two years in a wide range of patients, from athletes to high-energy trauma, and have seen excellent outcomes with no complications."

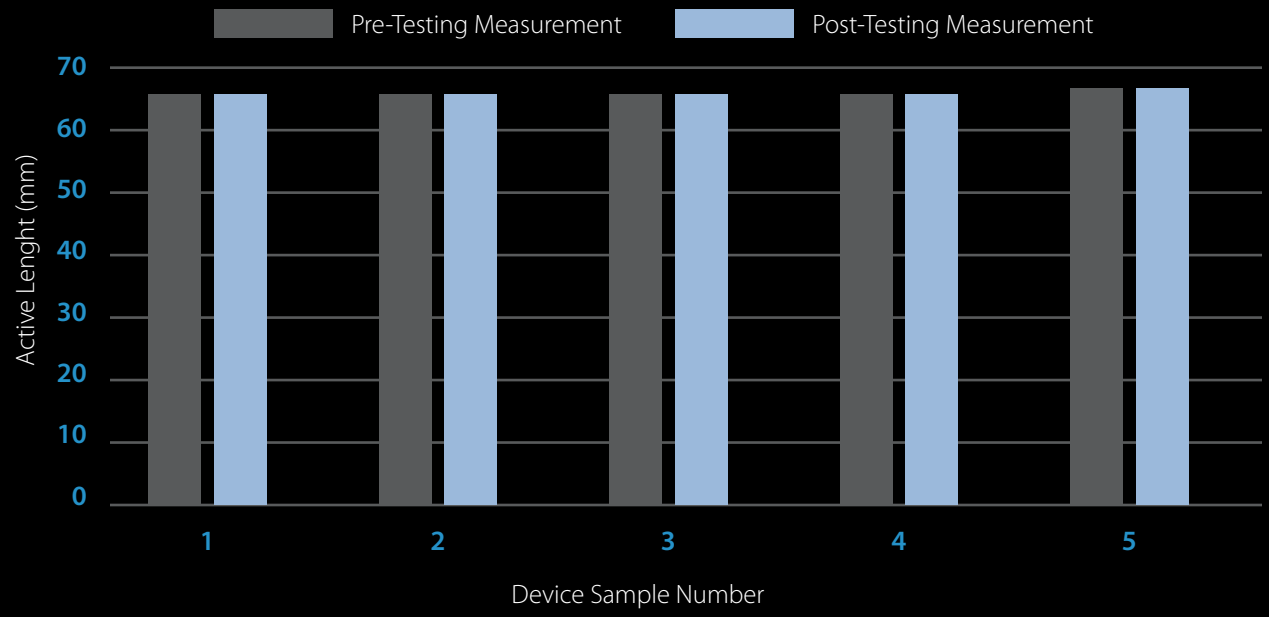
KENT ELLINGTON, MD
Charlotte, North Carolina

"The PUMA System is an easy to use, flexible Nitinol implant for syndesmosis fixation. This is a very promising platform technology."

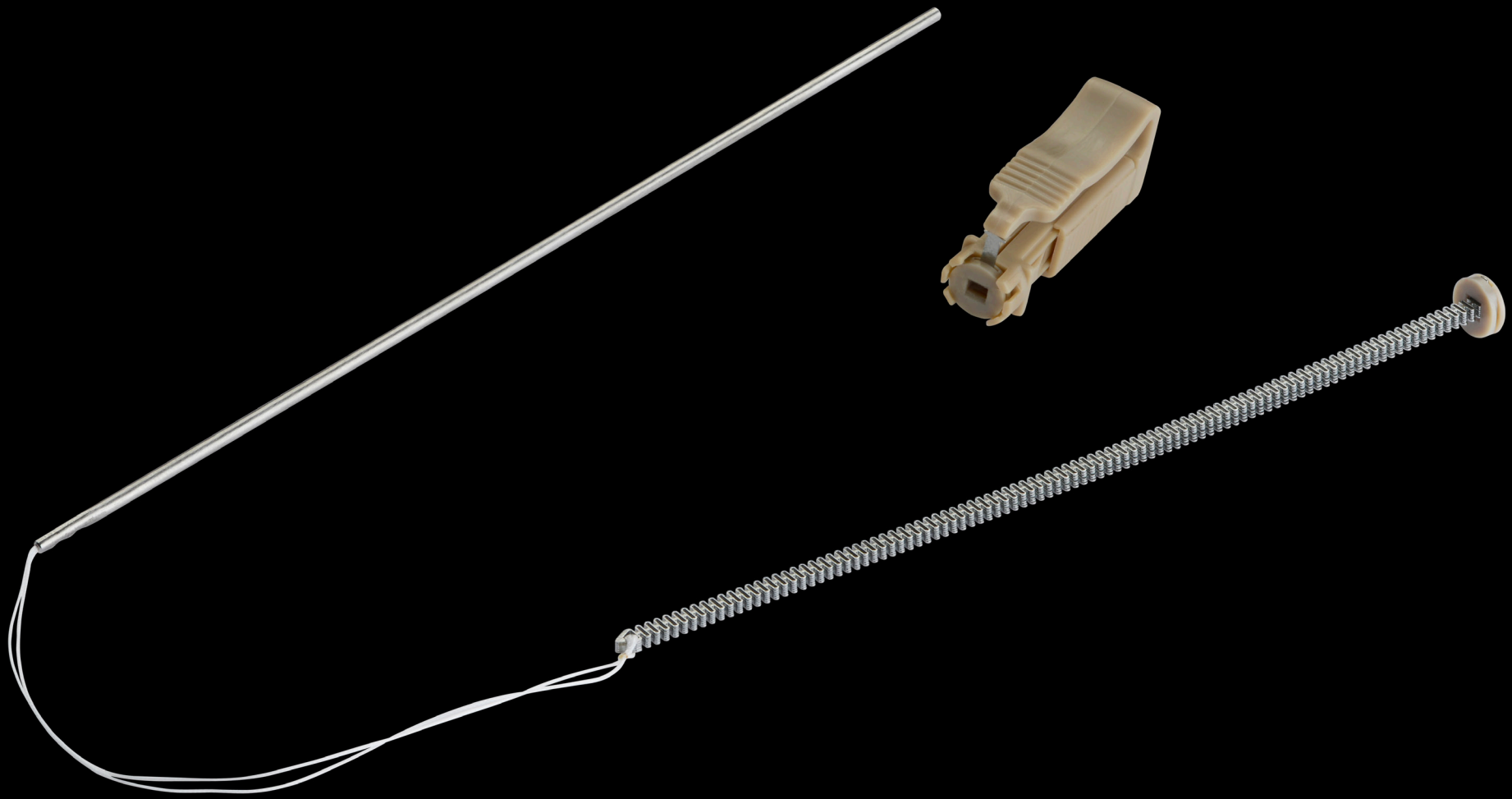
EDWARD TANG, MD
Martinez, California

No Creep. No Over-Compression.

The PUMA System allows for joint fixation with an implant that experiences no significant creep as demonstrated in cyclic-fatigue testing under challenging displacement parameters.[1]



[1] Research conducted by an independent mechanical engineering lab showed that none of the 30 layers tested for resistance to lengthening (creep) failed due to cyclic fatigue, and there was little-to-no difference between pre- and post-testing active length. More specifically, an average increase of only 0.2% in length with a standard deviation of 0.16% evidences no significant creep.



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