



Press Release

Extremity Medical Awarded Patent for Advancement in Plating Technology

Parsippany, NJ, April 24, 2024 – Extremity Medical, a global medical device company with expertise in innovative implants for upper and lower extremities, announced the issuance of a new patent for SlotLock™, a locking compression slot within an orthopedic plate. This unique locking compression slot provides greater sustained and peak compression.

Extremity Medical changes the way surgeons look at challenging extremity cases by pioneering novel fixation and fusion implants, motion preservation systems, and biologics to address the needs of surgeons treating the foot, ankle, hand, and wrist. Extremity Medical has a robust portfolio of issued intellectual property with over 50 patents issued, and 7 pending.

Ray Penzimer, VP of Product Development at Extremity Medical, commented “As a company, we take a look at the problems surgeons face every day and then ask how we can solve them. I am so proud of the innovative thinking of lead engineer, Michael Latour, who worked with our surgeon designers to expose the clinical utility of this feature. Through the novel design of its mechanical interface, the dynamic compression slot generates unrivaled compression while simultaneously locking into the plate. It effectively renders all competitive dynamic slots obsolete.”

The one-of-a-kind SlotLock is available as part of both the OMNI™ Mini Plating System as well as the OMNI Lapidus Plating Systems and will be incorporated into the flagship OMNI™ Universal system later this year.

“This is such an intuitive upgrade to the traditional metal plate—it's one more example of how Extremity Medical is advancing the science of implant technology, and we have enjoyed a positive response from the marketplace with this latest innovation. The foundation for Extremity Medical

is innovation and ultimately, it's about helping our surgeons improve their clinical outcomes,” added Matt Lyons, CEO of Extremity Medical.

About Extremity Medical

Extremity Medical, LLC, was founded in 2008, and is a privately held medical device company based in Parsippany, NJ. The company is known for creating innovative implants and instruments for upper and lower-extremity orthopedic procedures, including fixation, fusion, and motion preservation. Extremity Medical is focused on developing solutions for challenging cases that promote better outcomes, especially in patients with poor bone quality.