

Tyber Medical receives FDA approval for new medical device

Cris Collingwood//December 19, 2023//

Bethlehem-based Tyber Medical, LLC, has received approval for a new device to fix injuries to the forearm and hand.

The orthopedic device manufacturer received U.S. Food and Drug Administration (FDA) 510(k) clearance for its new Distal Radius Plating System, which covers a wide range of fractures, fusions, non-unions, malunions, or osteotomies of the radius, ulna, and hand, the company said Dec. 18.

“The Tyber Medical Distal Radius System provides an innovative approach to address one of the most common fractures. Additionally, the enhanced ergonomic design delivers a solution to reduce flexor tendon irritation, a common post operative concern,” said Tyber Medical CEO and President Jeff Tyber.

Tyber Medical’s Distal Radius Plating System maintains stability and orientation in the anteroposterior plane utilizing a grouping of plate length options, offered in titanium or stainless steel.

“Our engineering team did a great job keeping the design under the watershed line while maintaining low prominence and the ability to reach the radial styloid,” said Tyber Medical’s Chief Technology Officer David Hannah. “They recognized the need for an additional locking head size to accomplish this in the flexor tendon and narrow volar plates, and now we get to add that locking mechanism to our portfolio.”

Since its founding in 2012, the company has released more than 50 spine, extremity, and trauma systems.