

Press Release

**Wyoming Medical Device Company's New Product Sees First OR Case:
McGinley Orthopedics Lever Action Plate System®
for Distal Radius Fractures Undergoes First Implantation.**

McGinley Orthopedics, the developer of the patented **Lever Action Plate System®**, is pleased to announce first implantation of this new product. In 2015, MO acquired exclusive rights to manufacture beam technology plates along with associated issued patents. Since then, MO engineers have partnered with physicians to finalize the design and add numerous patents. It was awarded **FDA Clearance in June 2020**. Just six short months later, the system was used at Shriners Hospitals for Children - Philadelphia by the inventor and hand surgeon, Dr. Dan Zlotolow. **It is manufactured in entirety by McGinley Manufacturing in Glenrock, WY.** This past week, Dr. Zlotolow was **the first surgeon to implant the plate in a patient**. The surgery was a great success, and he is proud to report that this young snowboarder is now reaping the benefits of this innovative technology. "The ability to dial in the volar tilt is a game changer."



The system is a dynamic, fragment reduction technology that assists surgeons in restoring volar tilt and articular congruity. In other words, this technology allows surgeons to easily align complex wrist fractures with a twist of a dial. McGinley Orthopedics holds **multiple patents** on the system due to the unique design and functional capabilities.

Who is "making" the difference?

The system is **Made in Glenrock, WY, USA**. The engineering team partnered with the team at McGinley Manufacturing to bring this concept to production. The machinists and programmers found innovative ways to make the system in the design phase and then after each round of testing and physician review, made improvements until final products were released. This short lead time in the prototyping phase was critical to getting the system to the market so quickly. Vice President of Manufacturing, Ben Warren, remarked, "Just knowing what we made here in our facility is out there helping a patient is very rewarding. I am proud of what we have accomplished. Our commitment to the highest quality is never more important than in the work we do partnering with McGinley Orthopedics."

Why is this innovative technology critical for patients?

The Lever Action Plate System® addresses a real and prevalent need in orthopedics. **Distal radius fractures account for about 20% of all fractures.** 1 in 5 ER treated fractures are of the distal radius. There are around 67 upper extremity fractures per 10,000 people annually in the U.S.; 25% of these fractures occur in the distal radius and ulna. A complication rate of 15% has been reported with traditional volar plating.

Wyoming Company entering a large market with large sales potential:

In 2019, over 550 thousand patients experienced distal radius fractures in the U.S. for an estimated total market potential of \$827+ million annually (assuming \$1500/patient). The global market for fracture fixation products, including plate systems, is estimated to reach \$12.1 billion by 2025. This estimate is driven by an increasing incidence of fractures in the elderly population and a rapid adoption of internal fixation devices for small bones.

**See company business plan for cited sources or contact us.*

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For more information, go to www.mcginleyorthopedics.com or email support@mcginleyinnovations.com



Dr. Dan Zlotolow, Dr. Scott Kozin and OR team showing off the first Lever Action Plate® in a distal radius fracture.

Photo credit: Shiners Hospitals for Children-Philadelphia

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