

ZEBRA MEDICAL TECHNOLOGIES



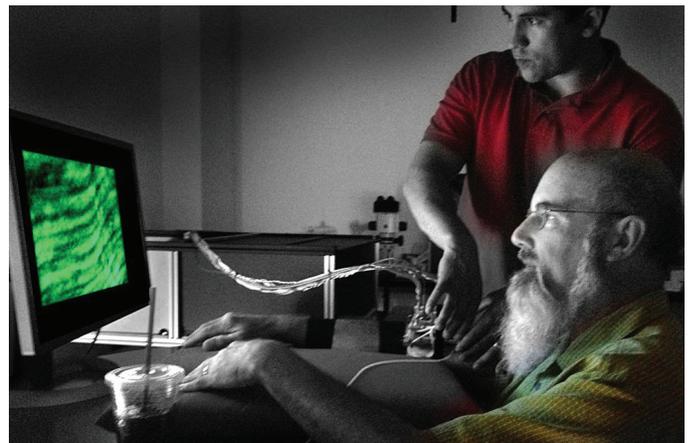
Zebra
Medical Technologies

Innovation

In interventions involving manipulation of skeletal muscle, such as strabismus repair, rotator cuff surgery, and cleft palate reconstruction, surgeons must guess the appropriate level of muscle tensioning based on feel alone. After these procedures, patients can possess muscles that are too tight or loose, and may experience impaired movement. The most direct means to determine a muscle's optimal tension is to measure its sarcomere length.

Zebra Medical Technologies has developed the first clinically deployable micro-endoscopy system for minimally invasive, real-time imaging of sarcomere structures in human muscles without the need for exogenous dyes or contrast agents. With our tool, surgeons can assess sarcomere lengths in real time, improving the planning, execution, and follow up in surgical interventions for muscle repair.

Beyond surgical guidance, our technology has potential applications related to the treatment of



multiple neuromuscular disorders and for cellular imaging of skin, cartilage, bone and tendons. We are actively selling systems for research use and are exploring collaborations with companies developing therapies to rejuvenate muscle and treat amyotrophic lateral sclerosis (ALS) and sarcopenia.

For more information, please contact:

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Innovation is the lifeblood of medical advancement and the key to raising the bar for patient care. Yet the traditional process for medical innovation is fraught with obstacles that hinder the development of new ideas. That's why Dr. Thomas Fogarty, a preeminent physician innovator, founded this educational, nonprofit organization. Here, we build upon Dr. Fogarty's invaluable experience to provide a streamlined alternative path for entrepreneurial innovators working on promising new therapies. We hand select several candidates for inclusion in our Innovation Cultivation program, and provide access to expert intellectual, physical, and financial resources designed to propel medical concepts from initiation to application. The program offers direct mentorship every step of the way. Zebra Medical Technologies is one of the showcase participants in the program.



**Fogarty Institute
for Innovation**

For more information, contact Ann Fyfe, President & CEO, at 650-988-7590 or ann.fyfe@fogartyinstitute.org.