

EPIC Medtec™ Center

Sutures | Performance Fibers



Work With The Suture Experts™

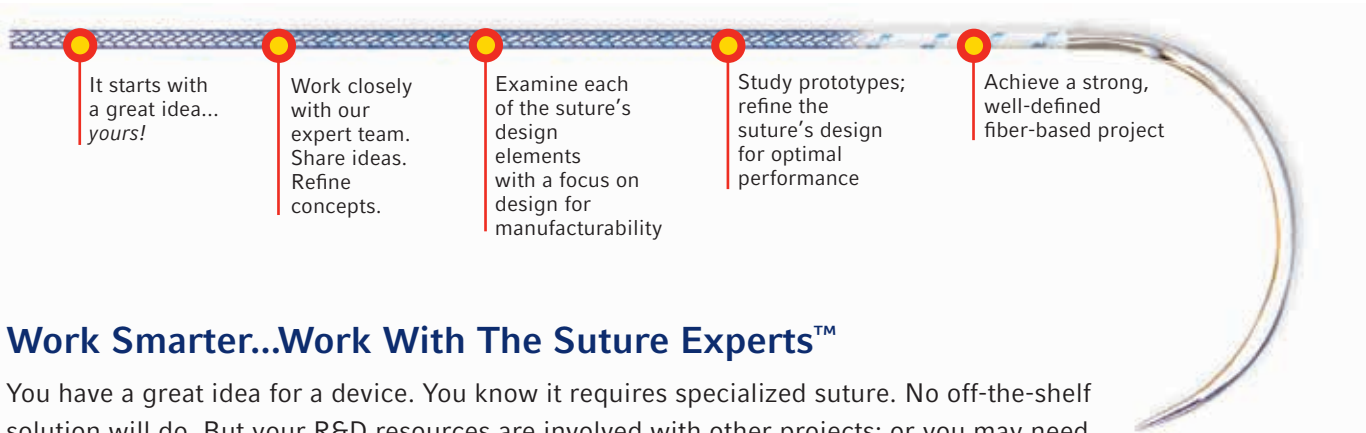
EPIC Medtec™ Center

This Is Suture And Performance Fiber Development Reimagined



- One facility...one client-centric team...everything to go from concept to market-ready solution to full scale production
- 60% of a device's cumulative lifetime cost is committed by the architectural phase*. Our **IDEA Medtec™ Process** incorporates your objectives with a keen eye on cost control and design for manufacturability
- Our highly-qualified **suture/fiber experts** solve challenges in order to reduce technical risk and get you to market faster
- **Data-driven decision making** utilizes our proprietary analytic tools
- Develop **intelligent designs** and refine for optimal performance
- Tactile demonstration of suture capabilities with **quick-turn prototypes**
- Ready access to **in-house laboratories** for 3D printing, and testing of concepts





Work Smarter...Work With The Suture Experts™

You have a great idea for a device. You know it requires specialized suture. No off-the-shelf solution will do. But your R&D resources are involved with other projects; or you may need insight or unbiased opinion of suture's design for manufacturability. Working together at our **EPIC (Engineering, Prototyping, Innovation, Collaboration) Medtec™ Center** in Mansfield, we can identify challenges and find answers, while controlling concept development and production costs. You can rely on us to take your device through every stage of development and production.

Product Development Accomplished In Days ...Not Weeks, Months, or Years

Our EPIC Medtec™ Center provides the help you need to reduce technical risk and develop suture and fiber-based products using proven, in-house capability platforms. You will work directly with our multi-disciplinary team of engineers, material and polymer experts, and skilled technicians. Share ideas. Brainstorm out-of-the-box solutions. Question assumptions. Develop demonstrative prototypes. Gather feedback. It is a total collaborative process.

At the heart of our program is the multi-stage **IDEA (Innovation, Development, Engineering Accelerator) Medtec™ Process** that incorporates your objectives and application requirements. Your suture is developed with a focus on its manufacturability and a solid understanding of the limits of the core technologies being used to manufacture it. You will receive:

- Detailed tolerance drawings for each concept
- Bill of materials (BOM) for each functional prototype option
- Cost and lead-time quotes for building prototypes
- Description of concepts in terms of order of magnitude costing and any technical risks/challenges

EPIC

MEDTEC CENTERS

Engineering
Prototyping
Innovation
Collaboration

IDEA

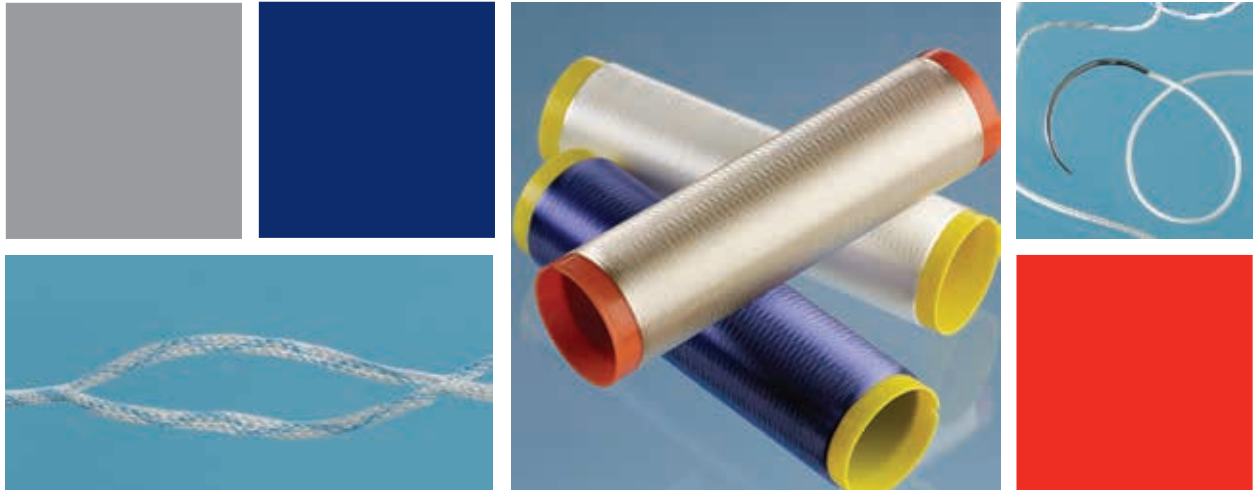
MEDTEC PROCESS

Innovation
Development
Engineering
Accelerator

*Source: David M. Anderson, PhD, 2014, "Design for Manufacturability: How to Use Concurrent Engineering to Rapidly Develop Low-Cost, High-Quality Products for Lean Production", Productivity Press

EPIC Medtec™ Center

Mansfield, Massachusetts



Engineering
Prototyping
Innovation
Collaboration



Innovation
Development
Engineering
Accelerator

Purpose-Built Facility, Designed To Inspire

The right environment is a catalyst for new thinking to emerge. Our EPIC Medtec™ Center is a perfect example of this idea. It is designed to be a place that sparks innovation in sutures and performance fibers.

The EPIC Medtec™ Center in Mansfield is all about encouraging collaboration. There is a concept development room where solutions are developed an engineering area for transforming ideas into products, a video conferencing center to promote communication, and well-equipped laboratories for 3D printing, capability demonstrations, prototype development, and product testing.

Feel Free To Contact Us

Teleflex Medical OEM offers one of the world's few innovation centers dedicated solely to suture and performance fiber innovation. Let's get to work on your project.

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