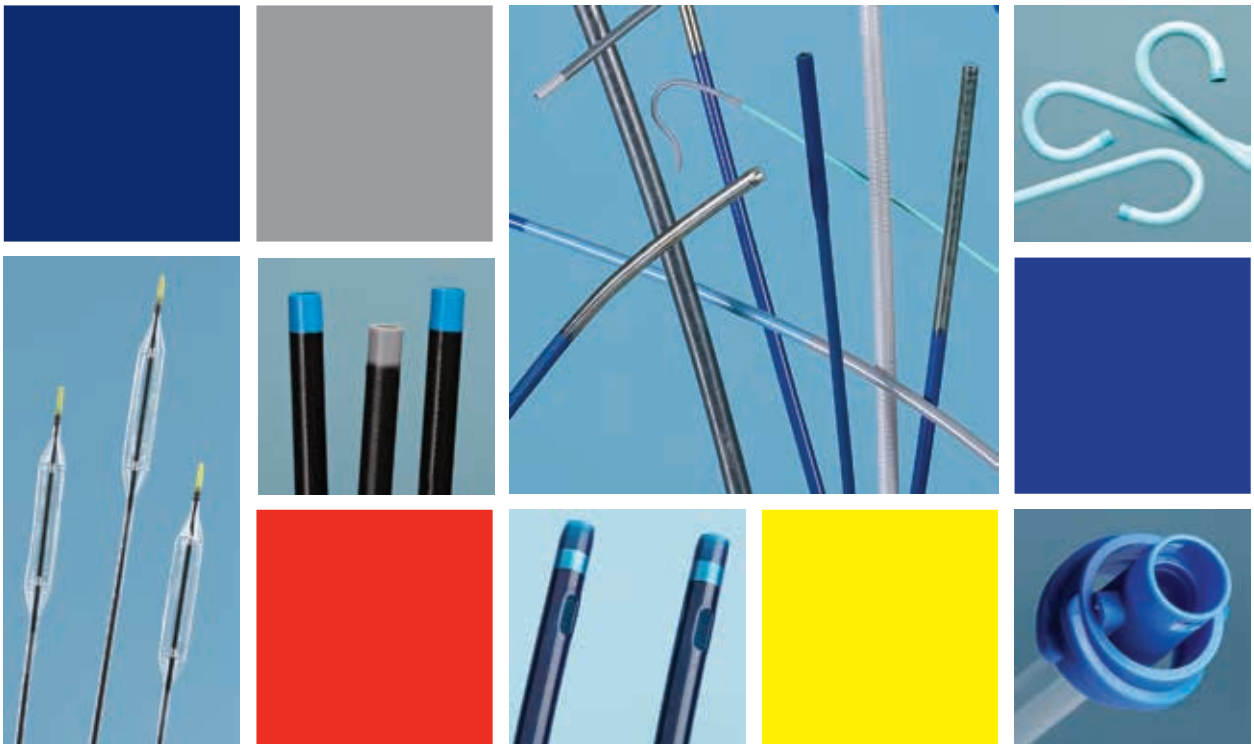


Customer Solution Centre



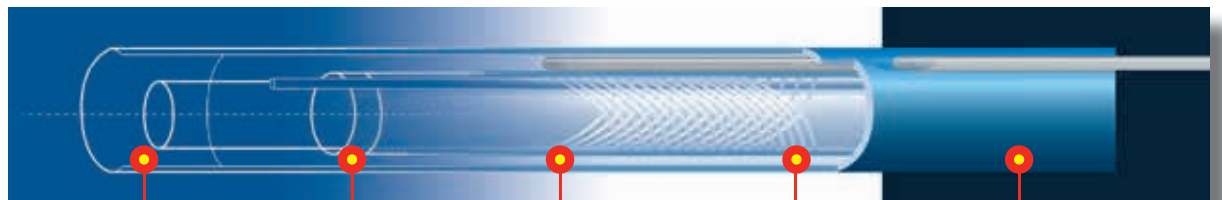
Work Smarter..Get Your Device to Market Faster

Our Customer Solution Centre Offers a Focus on User Needs, Comprehensive Concept Development Capabilities, and a Dedication to Design for Manufacturability and Cost Containment



60%
of a product's
cumulative lifetime cost
is committed by the
concept phase*

- **Dedicated facility** built to foster innovation and maximize sharing of ideas and technologies
- Work collaborately with our **multi-disciplinary product development team**
- **Nine-step development process** builds in your unique requirements early in the concept stage
- Decision making process utilizing our **proprietary database of design elements** and their contributions to the device's design
- **In-house laboratory** for testing and validation of device concepts
- **3D modeling** and printing services
- Quick turnaround of **demonstrative prototypes**
- **Fully-integrated, in-house capabilities** can be customized to the requirements of your project



It all starts with a great idea... yours!

Work with our team. Share ideas. Refine concepts.

Examine each of the device's elements with a focus on design for manufacturability.

Study demonstrative prototypes; refine design for optimal performance.

Achieve a strong, well-defined device concept.

*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

Nine-Step Process Speeds You to Market

1 Project
Initiation
and Overview

2 Define User
Needs and
How Device
Will Be Utilized

3 First Stage
Demonstrative
Prototypes

4 Review User
Needs, Priority,
and Criticality
After
Prototyping

5 Select the
Capabilities
Relevant
to Customer
Needs

6 Agree to Draft
Concepts;
Second Stage
Demonstrative
Prototypes

7 Apply
Design for
Manufacture
Knowledge
to Concept

8 Review
Second Stage
Demonstrative
Prototypes;
Confirm
Concepts

9 Closeout
Meeting
and Agree
to Next Steps

collaborate

TOGETHER WE TRANSFORM IDEAS INTO DEVICES

You have a great idea for a medical device. You know what the device needs to do. But your R&D resources are involved with other projects; or you may need insight or unbiased opinion of a device's design for manufacturability. Teleflex Medical OEM has you covered with our comprehensive capabilities, deep expertise, and decades of experience. We're that partner that can hear what you are saying, understand your needs, and arrive at innovative, highly-customized solutions. Working together at our Customer Solution Centre (CSC), we can identify challenges and find answers, while controlling design concept development and production costs. After the concept stage is completed, you can rely on us to take your idea through every phase of development to the point of production.

LET'S GET TO WORK ON YOUR PROJECT

The Teleflex Medical OEM team enjoys a good challenge and are ready to step up. We offer you a smart process for product development with a keen eye on innovative solutions, design for manufacturability, and cost containment. Let's connect to get the ball rolling.

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Teleflex[®]
MEDICAL OEM

innovate

YOU NEED TO GET IT RIGHT: 60% OF A PRODUCT'S CUMULATIVE LIFETIME COST IS COMMITTED BY THE CONCEPT/ ARCHITECTURAL PHASE*

Our Customer Solution Centre offers the help you need to reduce project risk and build a design using proven, in-house capability platforms. Together, we will work through a structured, nine-step process which includes:

- Quick-turn concept development
- Design for manufacturability
- Data-driven design decisions using our proprietary database of performance characteristics for various device elements
- Demonstrative prototypes as aids to clarifying best concepts
- Leveraging our proven capability platforms and customizing them to your specific requirements

You will work directly with our multi-disciplinary team of engineers, material and polymer experts, and skilled technicians. Whatever the project demands, we have a spectrum of world class talent to draw from. Share ideas. Brainstorm out-of-the box solutions. Question assumptions. Develop demonstrative prototypes. Gather feedback. It is a total collaborative process.

The result: Product concepts that target your well-understood objectives, challenges, and application requirements. All developed with a strong focus on its manufacturability and a solid understanding of the limits of the core technologies being used to manufacture it. You will leave the process with:

- Toleranced concept drawings
- Draft bill of materials (BOM) for each prototype option
- Outline of technical risks/challenges inherent in each concept
- Cost and lead time quotes for an initial development build based off each concept

succeed

THIS IS THE CENTRE OF MEDICAL DEVICE DEVELOPMENT

The right environment is a catalyst for new thinking to emerge. That is why we built the Customer Solution Centre (CSC) from the ground up to spark collaboration, creativity, and innovation. Based in Limerick, Ireland, the CSC is our global hub for outcome-driven product innovation and development. And, if you choose, comprehensive production services to manufacture your device.

The CSC is all about enabling and encouraging collaboration on all levels, with the goals of reducing project technical risk, developing a more market-ready product, and increasing speed to market. There is a concept development room where solutions are hatched, engineering area for transforming ideas into products, video conferencing center to promote communication, and well-equipped laboratories for 3-D printing, capability demonstration, prototype development, and product testing. At the CSC, everything is in place for your project's success.

Ready to move to functional prototypes or production parts? Adjacent to the CSC is our state-of-the art Limerick facility with extensive, in-house capabilities allowing us to quickly scale up to production. Our comprehensive services include:

- Extrusion
- Encapsulated and embedded marker bands
- Braid and coil reinforcement
- Hydrophilic coatings
- Extensive finishing operations
- Assembly and packaging
- Sterilization

Customer Solution Centre

