

TDC Medical is a full-service provider of medical device design, product development, and manufacturing. We help bring your medical devices to market quickly and cost-effectively.

Our integrated process eliminates the need for multiple vendors, and can include everything from concept generation, engineering and prototyping to manufacturing and packaging.

Our high-quality, comprehensive services are delivered by our professional team of experts, who possess extensive experience in the outsourcing and medical device industries.

Partners

TDC has established a strategic partnership with Creganna Medical Devices, a leading global partner for medical device manufacturers, headquartered in Galway, Ireland.

Learn more about Creganna Medical Devices at www.creganna.com

History

The vision for TDC was created in 2001 when six former colleagues at ACT Medical sought the opportunity to work together again, knowing their synergy, camaraderie, collective medical device expertise and honed customer service skills would create a unique medical device service company.

In May 2004, TDC incorporated and their dream became a reality.

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*providing superior
medical device design,
product development
and manufacturing
services in a
personalized manner.*

A Creganna Partner

Design



TDC brings the experience and expertise to take a concept and create a practical design that meets your needs and the needs of your customer. All of our designs incorporate speed to market, cost, and efficiency as priority principles.

Design processes with which TDC can help you include:

- Design input – product specification
- Design planning
- Concept generation
- 3-D CAD designs
- Engineering drawings
- Prototyping
- Testing
- Device cost estimate
- Regulatory strategies
- Intellectual property review & strategy
- Design review

Product Development



TDC is a small, close-knit team that focuses on your unique product development needs. We specialize in difficult technical challenges in endoscopic, interventional and minimally invasive products.

We partner with you for the entire development process, through production. Hand in hand, we work with you to provide documentation, validation and support – ensuring on-time, on-budget results that meet your specifications.

Development processes with which TDC can help you include:

- Design verification testing
- Biocompatibility testing
- Design failure modes effects analysis (FMEA)
- Packaging design
- Finalized design documentation
- Product for clinical trials
- Design validation
- Regulatory submission
- Design review
- Freeze design & issue complete drawings packages
- Finalized manufacturing strategy

Manufacturing



At TDC, we understand the medical device lifecycle, from concept to clinical trial to volume manufacturing. As partners with you throughout the entire process, we have a vested interest in seeing your products through manufacturing. We have the capabilities to manufacture Class I to Class III devices, both disposable and reusable, from short-runs to high-volume.

Manufacturing processes with which TDC can help you include:

- Process development
- Design & build assembly tooling
- Conduct process FMEA
- Design transfer to manufacturing
- Process & product validation
- Sterilization validation
- Packaging validation
- Final design review
- Device master record
- Manufacture commercial product

What We Value

We pride ourselves in providing our clients – from small start-ups to large, global companies – with top-notch expertise delivered with a personal touch.