

De-Risk Textile Decisions for Next-Generation Medical Devices

Early insight. Predictable manufacturing. Confident scale-up.

Corza Medical helps medical device OEM teams make smarter braided-textile decisions; reducing downstream risk without restarting qualification or straining internal resources.



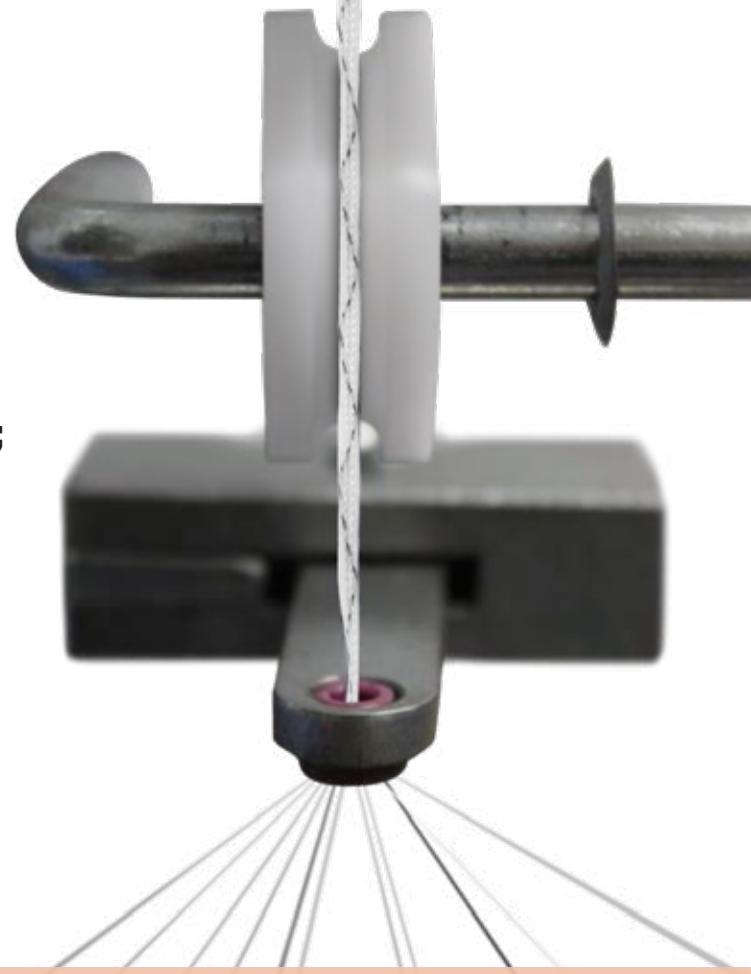
Custom textile manufacturing aligned to therapeutic-area requirements; **from early development through scale-up.**

THE CHALLENGE

Braided textile decisions are often made with:

- Supplier data that doesn't predict long-term behavior
- Limited early insight into manufacturability
- Few opportunities to compare alternatives before lock-in

The result: Late-stage surprises, rework, and scale-up risk.



WE DON'T REPLACE YOUR SUPPLIERS; WE STRENGTHEN YOUR DECISIONS.

We provide engineering-driven insight into braided medical textiles so teams can:

- Reduce technical and manufacturing risk
- Defend material and structure choices
- Scale with confidence and repeatability

HOW WE ENABLE YOU

Biomaterial Insight

Evaluate braided biomaterials beyond static specifications to understand real performance trade-offs.

Contract Braiding

Custom braids, rapid prototyping, and tight tolerance control engineered for medical devices.

Manufacturing Transfer

Predictable scale-up with process continuity and regulatory readiness in mind.

Innovation & Exploration

Fast, data-driven comparison of materials and structures before committing.

WHY CORZA MEDICAL?

Braided textile decisions are often made with:

- 200+ years of textile manufacturing expertise, not just data
- Prototypes designed for scale, not just concept
- Early decisions aligned with downstream reality

Outcome: Fewer surprises, stronger decisions, smoother scale-up.



MATERIAL EXPERTISE

- Silk and Virgin Silk
- Polyester (PET)
- Nylon
- Polypropylene
- UHMWPE

SURFACE FINISHING CAPABILITIES

Coating options such as silicone, wax, dyes, and collagen are available to meet specific design needs. R&D consultation for the development of specialized coating formulations, including antimicrobial technologies.

MEDICAL SPECIALTIES WE SUPPORT

Electrophysiology

Textile solutions for MRI-safe, steerable catheter systems requiring flexibility, torque response, and durability.

Gastrointestinal Surgery

Biotextile constructions supporting endoscopic defect-closure systems with controlled strength and handling.

Interventional Cardiology

Advanced textile architectures used to support implant performance and manufacturability.

Interventional Radiology

Textile-enabled components for MRI-safe, steerable delivery systems, optimized for control and repeatability.

Pulmonology

Textile technologies supporting suture-delivery and tissue-approximation devices.

Structural Heart

High-performance textiles, including UHMWPE constructions, used in implantable device architectures.

Urology

Reinforced textile constructions for balloon-based systems, improving burst strength and durability.

Vascular

Engineered textile components for catheter and delivery systems, supporting flexibility and predictable performance.

Let's
talk!

Make your next textile decision easier to defend and easier to scale:

Talk with a Textile Engineer

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Explore a De-Risked Prototype Pathway

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 **corza**medical

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