Saint-Gobain Life Sciences – Medical Components



Catheter System Design & Manufacturing

Saint-Gobain has brought together a team of engineers, technicians and operators, who study, develop and manufacture novel catheter systems for OEMs and innovative start-ups.

In collaboration with its customers, Saint-Gobain supports the development of new minimally invasive procedures through a precise and methodical process. The company's comprehensive, technical environment includes advanced tools and technologies to support its customers through the innovation cycle – from prototyping, to manufacturing test batches for clinical trials through commercialization.



STUDY > CONCEPTION > PROTOTYPING > INDUSTRIALIZATION > PRODUCTION A STRUCTURED DEVELOPMENT PHASE, VALIDATED BY THE CUSTOMER AT EACH STEP

Capabilities

Full system design & manufacturing:

- Complex tipping
- Engineered shaft
- Custom overmolded parts
- Handle design
- Sensors, optical fiber, LED assembly

Features & Benefits

- Steerability
- Flow management
- Ergonomics
- Miniaturization
- Implant loading



Examples of Expertise Applications per Therapeutic Areas



CARDIOVASCULAR

- Aortic, mitral, tricuspid valve replacement deliver system
- AAA endoprothesis delivery system
- Coronary bifurcation stent delivery system
- Diagnostic catheter
- PFO closure catheter



- Neurovascular guiding catheter
- Clot retriever device for acute ischemic stroke
- Balloon catheter



- Laser technology measurement endoscope
- Single use bronchoscope
- ENT navigation system



GASTRO-ENTEROLOGY

- Endoscopic suturing system
- Laparoscopic mixing device for surgical sealant
- Implant delivery system for acid reflux disease



ORTHOPEDICS

- Very high pressure tubing for cement injection
- Biodegradable balloon delivery system



GYNECOLOGY, UROLOGY

- Fertilization delivery system
- Introducer of vaginal mesh implant
- Ureteral stent delivery system

Global Presence, Local Resource



Important: Please refer to our Medical Products Disclaimer at https://www.medical.saint-gobain.com/resources/quality-and-regulatory/medical-product-disclaimer.

- Saint-Gobain's medical products offer covers: Medical Components [21 CFR 820.3(c)], intended for processing or use in the manufacture or assembly of medical devices before the finished medical device is packaged/labeled; Medical Components are intended to be included as part of the finished, packaged, and labeled device [21CFR820.3(c)].
- Finished Devices [21CFR820.3(I)] made on behalf of medical device manufacturers [21 CFR 807.20(a)(2)] under contract-manufacturing agreement. In accordance with the United States' jurisdiction, Saint-Gobain complies with the FDA's requirements for contract manufacturers of finished devices.

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