



Founded in 1981, Synectic focuses exclusively on the design and development of medical products and surgical instruments.

Corporate Strategy:

The Synectic approach is to bring together medical practitioners, engineers, industrial designers, regulatory experts, and marketing to create a team that develops promising novel concepts through pilot manufacturing. We create products that are clinically relevant, technically sound, ergonomically efficient and cost effective.

Market Experience:

Synectic has amassed broad industry experience from developing a variety of surgical instruments, endoscopic devices, diagnostic tools, catheters and consumer healthcare products. These products serve most segments of the medical device market including interventional cardiology, thoracic and cardiovascular surgery, wound closure, orthopedics, spine, minimally invasive surgery and urology.

Capabilities and Services:

A state-of-the-art computer platform supports patent searches and transforms design inputs into 3D models suitable for finite element analysis and rapid prototyping. Synectic's model workshop is equipped with the tools to mock-up many alternative ergonomic and mechanical concepts rapidly and inexpensively. Our prototype shop is fully equipped with both CNC turning and milling centers that transform electronic images into functional hardware. Prototypes are then bench tested in the tissue lab by our staff clinician. Sterile products can be manufactured and packaged in our FDA registered (ISO 13485: 2003 compliant) cleanroom and then tested pre-clinically in either acute or chronic studies that we conduct in support of your regulatory filings.

Contact Us:

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