PRECISION IN EVERY PULSE

Leaders, innovators, and partners committed to making a profound impact in Electrophysiology







Atrial Fibrillation: A Global Health Challenge

Atrial fibrillation (AFib) is a global epidemic, affecting an estimated **33 million patients.**

This number is expected to double within 15 years.¹

Despite effective treatments like cardiac ablation, less than 5% of AFib patients receive it.

At Freudenberg Medical, we are committed to helping you close this treatment gap and pave the way for advancements in electrophysiology that transform the lives of patients with cardiac conditions.

Together, with our customers, we aim to double the number of AFib patients treated with interventional therapy by 2030.



By 2050, it's estimated that over 70 million globally will have AFib due to population aging and increased detection.²



The lifetime risk of developing AFib after the age of 40 is about 1 in 4 for both men and women.³





A Unified Purpose

As your design and manufacturing partner, every catheter we design, every innovation we introduce, and every partnership we forge is driven by a commitment to advancing electrophysiology solutions. In this journey, precision defines our every step...

Precision in **every detail**, Precision in **every action**, Precision in **every solution**.

It is at the heart of everything we do towards ensuring more patients, around the world, get the life-saving treatment they need.

EP Leader, Innovator & Partner



15+ years of partnerships with leading electrophysiology OEM companies





60% global market share among our EP customers



1 in every 4 ablation procedure involves a Freudenberg Medical solution



Every 2 minutes, an EP patient is treated with a device we manufacture

Advanced Electrophysiology Catheter Solutions

At Freudenberg Medical, we specialize in the complete design and manufacturing of cutting-edge electrophysiology catheters.

From steerable and flexible tips to integrated ablation solutions and advanced shaft technologies, we ensure every detail is precisionengineered from concept to commercialization.

Supporting critical EP procedures through advanced product solutions for Access, Diagnostic, Visualization, Ablation, and Closure devices.





Electrophysiology Catheter Design & Manufacturing



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We are where you need us

Global Capacity and Cutting-Edge Capability for EP

With a global footprint, our vertically integrated state-of-the-art facilities, backed by smart technologies and digital integration, enable rapid scaling, and world-class efficiency.

- **5** production sites with a combined 420,000 sq ft. supporting your EP products
- Vertical integration provides greater efficiencies, \checkmark consistency of quality and more control
- IIoT (Industrial Internet of Things) technologies like \checkmark Manufacturing 4.0 digitalization and VR enable connected, intelligent smart manufacturing plants

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Ireland, Carrick-on-Shannon

- R&D to high volume manufacturing
- Complex EP catheter solutions
- Extrusion, braid, assembly

Ireland, Galway

- R&D to high volume manufacturing
- Metal shafts, pull-wires, steerables

- handle design

Freudenberg Medical operates 11 sites globally.

In-house, high volume thermoplastic & silicone molding, extrusion & drug device coatings - US, Germany, Costa Rica & Asia.



Jeffersonville, IN

- R&D to high volume manufacturing
- Complex EP catheter solutions
- Center of Competence, complex

Minnetonka, MN

- R&D to high volume manufacturing
- Complex EP catheter solutions
- Balloons

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Costa Rica

- High volume assembly
- Access, mapping catheters

Your Electrophysiology Device In Safe Hands



To explore how we can support your next electrophysiology project, reach out to our EP team today. Together, we can help more patients access the life-saving treatments they need.





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