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Japan Lifeline's Radiofrequency Transseptal Wire XEROstar Wins GOOD DESIGN AWARD 2026

TOKYO, JAPAN - October 15, 2026 - Japan Lifeline Co., Ltd. ("the Company") is pleased to announce that its proprietary EP/ablation product, the Radiofrequency Transseptal Wire XEROstar, has won the GOOD DESIGN AWARD 2026, presented by the Japan Institute of Design Promotion.

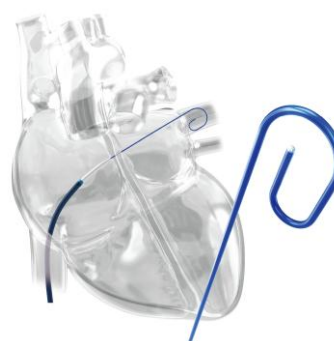
XEROstar is a medical device used in treatments such as catheter ablation aimed at curing atrial fibrillation, a type of cardiac disease. In atrial fibrillation procedure, a catheter inserted from the groin is advanced toward the treatment site within the heart, but a thin wall (atrial septum) blocks its path along the way. XEROstar plays the role of creating a small hole in this area to establish a pathway for the catheter, allowing it to reach the treatment site.

For this award, the product was highly evaluated for adopting a wire design instead of a conventional needle design to streamline the procedure process, and for realizing excellent maneuverability and safety by introducing a unique shape called a “half-pigtail” with a curved tip.

The Company remains committed to contributing to the realization of safer, higher-quality medical care by developing unique products that solve challenges faced in clinical settings.

■ Product Name

Radiofrequency Transseptal Wire XEROstar



■ Product Overview

XEROstar is a proprietary product designed to achieve both procedural efficiency and safety in transseptal punctures. Unlike conventional needle-shaped devices, it adopts a flexible wire design, allowing the

procedure from puncture to establishing the pathway (sheath) for the therapeutic catheter to be completed with a single wire. This eliminates the time-consuming conventional device exchanges, contributing to shorter procedure times by realizing procedural efficiency. Furthermore, because the wire tip features a "Half Pigtail" shape, it reduces the risk of accidental injury inside the heart.

■ Commentary from Award Committee

This product was highly evaluated for providing a groundbreaking solution to the procedural burden of transseptal punctures in catheter ablation for atrial fibrillation. By incorporating guidewire functionality, it eliminates the multiple device exchange steps required with conventional needle devices. Conventionally, it was necessary to swap the guidewire and puncture needle as the procedure progressed. With its 0.032-inch wire diameter, it can be used without sheath restrictions, and it is widely expected that this balance of improved procedural efficiency and safety will become widely adopted. The design is outstanding, achieving both trackability and the rigidity required for puncture, and featuring a "half-pigtail" configuration at the tip that strikes an optimal balance between echocardiographic visibility and maneuverability.

■ Website for the GOOD DESIGN AWARD

<https://www.g-mark.org/en/gallery/winners/33845>

About the GOOD DESIGN AWARD

The GOOD DESIGN AWARD is Japan's premier platform for design evaluation and advocacy, originally established in 1957 as the Good Design Selection System. Organized annually, this global program engages diverse enterprises and organizations worldwide to enhance the quality of life and leverage design in solving societal challenges. Its iconic "G-Mark" symbol is widely recognized as a hallmark of design excellence.

<https://www.g-mark.org/en>

About Japan Lifeline

Japan Lifeline Co., Ltd. (Tokyo Stock Exchange Prime Market: 7575) is a medical device company specializing in the cardiac and cardiovascular fields. The company focuses primarily on electrophysiology catheters and vascular grafts. It builds its product portfolio through distribution operations that introduce superior overseas medical devices to Japan. The company also develops and produces proprietary products through its manufacturing capabilities. Operating through 48 domestic sales offices while expanding its proprietary products globally, Japan Lifeline provides the latest and most suitable medical devices to healthcare professionals and patients worldwide. For more information, visit <https://www.japanlifeline.com/>.