

PRESS RELEASE

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Helix Surgical Receives the Prestigious 2026 Prism SPIE Award for Its Next-Generation Femtosecond Laser Technology

Pessac, France — Helix Surgical (Ilasis Laser), a Pessac-based company specializing in ophthalmic medical devices, announces that it has been awarded the **2026 Prism SPIE Award**, one of the most prestigious distinctions in the global laser and photonics community.

Often referred to as the “Oscars of Photonics,” the Prism Awards, presented by the Society of Photo-Optical Instrumentation Engineers (SPIE), recognize the most innovative optics and photonics technologies successfully brought to market. Over the years, they have highlighted both emerging disruptors and established industry leaders shortly before their solutions became state-of-the-art, mass-market technologies—particularly in femtosecond laser applications for medical devices.

This recognition underscores the technological strength and maturity of Helix Surgical’s **next-generation fiber-delivered femtosecond laser technology** which the company has successfully integrated into a medical device called *Rx* and which is the world’s first handheld femtosecond laser dedicated to cataract surgery. *Rx* delivers immediate clinical impact, safety and precision, *while* enabling unprecedented mobility, , and seamless integration into surgical workflows.

Helix Surgical’s breakthrough innovation is based on several key technological advancements, including:

- a flexible beam path with a curvature radius on the order of centimeters
- beam transport over several meters
- complete freedom of movement without the need for mirror-based systems

Already deployed in clinical environments, this technology represents a major step forward in making laser-assisted cataract surgery more accessible and adaptable to real-world operating room constraints.

"I am incredibly proud to receive this Prism Award, a prestigious international recognition that honors the ingenuity of an exceptional team. This distinction confirms our place at the forefront of technology.

Our mission has always been clear: to take cutting-edge, traditionally cost-prohibitive technology and transform it into an intuitive, accessible tool. By turning complex machinery into a seamless solution, we are not just innovating—we are democratizing high-end technology for the world." said **Dr. Florent Deloison**, Co-founder of Helix Surgical.

About Helix Surgical

Headquartered in **Pessac**, near Bordeaux, **Helix Surgical** is an innovative medical device company originating from the **photonics excellence cluster** in the region of Nouvelle-Aquitaine. The company develops cutting-edge technologies for ophthalmic surgery. Its flagship product, **Rx**, is the only



femtosecond laser system featuring **fiber-optic beam delivery**, making it **ultra-compact** and **fully maneuverable** in the operating room. **Rx** delivers **precision**, **safety**, and **seamless integration** into surgical workflows, particularly for premium intraocular lens procedures.
