



## Lumibird Medical Installs First Clinical Prototype Featuring HoloDoppler technology at Hôpital National des Quinze-Vingts in Paris.

*May 21<sup>st</sup>, 2025 - CLERMONT-FERRAND, France - Lumibird Medical has installed the first clinical prototype of its Doppler holography system at the Hôpital National des Quinze-Vingts - a major step toward in transforming retinal imaging and vascular diagnostics.*

This milestone is the result of over 20 years of collaborative research, led by the Institut Langevin (ESPCI Paris - PSL - CNRS), and the first major achievement of the HoloDoppler project, supported by **Bpifrance** through the **France 2030** initiative. Lumibird Medical confirms that a second prototype will be installed in June at the **Hôpital Fondation Adolphe Rothschild** in Paris.

This system enables real-time, non-invasive measurement of retinal blood flow using near-infrared light — unlocking new potential in the diagnosis and monitoring of glaucoma, AMD, diabetic retinopathy, and beyond, into overall vascular health. This is more than a technological leap — it's a concrete move from lab to clinic, powered by open science and high-performance imaging.

Jean-Marc Gendre, Lumibird Medical CEO: *"HoloDoppler aligns with our strategy to strengthen our portfolio of therapeutic lasers (glaucoma, diabetes) with a range of high-performance and strong value-added imaging equipment. At Lumibird Medical, we are committed to making Doppler holography a widely accessible, transformative tool in eye care and vascular medicine."*

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### **About Lumibird Medical**

Lumibird Medical® is the medical holding of the Lumibird® Group, the global leader in the development of solid-state lasers for scientific and industrial use. Its mission is to improve patients quality of life with innovative diagnostic and treatment solutions (ultrasound and laser equipment) dedicated to healthcare professionals under the 3 brand names: Ellex®, Quantel Medical® and Optotek Medical™. - [www.lumibirdmedical.com](http://www.lumibirdmedical.com)

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