NEWS R E L E A S E

Ocumetics Accelerates Toward Group Two First-In-Human Study with Manufacturing Launch of Optimized Accommodating Lens

Key Highlights

- Precision molds received for manufacturing of new optimized accommodating intraocular lenses
- Production and testing of next-generation lenses now underway
- New lens design incorporates insights from Group One First-in-Human study
- Group Two preclinical surgeries targeted for early Q3 2026
- FDA Investigational Device Exemption (IDE) preparation advancing

For Immediate Release

Calgary, Canada – May 12, 2026 - Ocumetics Technology Corp. ("Ocumetics" or the "Company") (TSXV: OTC) (OTCQB: OTCFF) (FRA: 2QBO), a developer of advanced vision restoration technologies, is pleased to announce a major development milestone in its accommodating intraocular lens program with the receipt of precision manufacturing molds and the launch of production and testing for its newly optimized accommodating intraocular lens ("Ocumetics Lens").

The milestone represents a significant transition from early clinical validation to refined product execution as Ocumetics advances toward expanded clinical studies and regulatory submissions.

The newly optimized Ocumetics Lens incorporates valuable surgical feedback, engineering refinements, and patient outcome data collected during the Company's Group One First-in-Human study. These enhancements are designed to improve lens performance, manufacturing consistency, and long-term reliability.

A key advancement in the optimized lens architecture is the elimination of dependency on fluid optical media such as air, water, or oil. By simplifying the lens design, Ocumetics believes it can achieve greater predictability of lens movement within the eye, improved mechanical durability, and a more scalable, high-yield manufacturing process.

The Ocumetics Lens is being developed to restore dynamic focusing ability by working in harmony with the eye's natural muscle movements, potentially allowing patients to achieve clear vision at multiple distances without glasses or contact lenses.

Development of the optimized lens was led by Chief Scientist Dr. Garth Webb in collaboration with Ocumetics' international engineering and manufacturing teams.

"I couldn't be more impressed with the speed, skill, and innovation demonstrated by our scientific and engineering teams," said Dean Burns, President and CEO of Ocumetics. "The data and experience gained from our Group One First-in-Human study have directly shaped our optimized lens design. With manufacturing now underway and a significantly simplified lens architecture, we believe we can accelerate development timelines while improving reliability and scalability."

Ocumetics has initiated initial production runs alongside comprehensive validation testing focused on optical performance, mechanical movement, durability, and long-term functionality.

These activities are expected to support upcoming Group Two preclinical surgeries planned for early Q3 2026.

The Company continues to advance toward key regulatory milestones, including preparation for its planned Investigational Device Exemption ("IDE") submission to the U.S. Food and Drug Administration.

About Ocumetics

Ocumetics Technology Corp. (TSXV: OTC) (OTCQB: OTCFF) (FRA: 2QBO) is a Canadian research and product development company that is dedicated to developing advanced vision correction solutions that enhance the quality of life for patients. Through innovative research and development, Ocumetics aims to transform the field of ophthalmology with state-of-the-art intraocular lenses and other vision-enhancing technologies.

Ocumetics is in the first-in-human early feasibility study phase of a game-changing technology for the ophthalmic industry. Ocumetics has developed a dynamic intraocular lens that fits within the natural lens compartment of the eye, potentially to eliminate the need for corrective lenses. It is designed to allow the eye's natural muscle activity to shift focus from distance to near, providing clear vision at all distances without the help of glasses or contact lenses, and without perceptible time lag.

FOR FURTHER INFORMATION, PLEASE CONTACT:

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