Canaloplasty Market Set to Double by 2034, Driven by Rising Glaucoma Cases and Surgical Innovations

Canaloplasty Market is on track for strong growth, projected to expand from USD 320 million in 2024 to USD 680 million by 2034, reflecting a steady CAGR of 7.2%

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VANCOUVER, BC, CANADA, September 10, 2025 /EINPresswire.com/ -- The global Canaloplasty Market is on track for strong growth, projected to expand from USD 320 million in 2024 to USD 680 million by 2034, reflecting a steady CAGR of 7.2%. This growth is being fueled by an aging population, the rising number of glaucoma cases, and continuous innovation in surgical technology.

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Growing Demand for Minimally Invasive Procedures

The market is seeing a surge in demand for minimally invasive glaucoma surgeries (MIGS). Patients and doctors alike are opting for less invasive options that reduce recovery time and improve outcomes. The treatment of open-angle glaucoma—which makes up about 90% of all glaucoma cases—is the biggest application area, expected to generate USD 500 million by 2034.

North America Leads, but Global Demand Rising

North America currently dominates the market, thanks to advanced healthcare systems and faster adoption of new surgical methods. However, emerging economies are also driving demand, as access to healthcare improves and awareness of glaucoma treatments grows.

Technology and AI Transforming Treatment

A major driver for the market is technological advancement. Companies are introducing automated canaloplasty systems that improve surgical precision and cut down procedure time. The use of artificial intelligence (AI) in surgical planning and execution is making surgeries safer and more effective. AI is also being used in diagnostics, helping doctors detect glaucoma earlier and treat patients more effectively.

Market Segmentation Highlights

By Product Type:
Devices remain the largest segment, projected to reach USD 400 million by 2034.
Consumables, such as surgical kits and agents, are the fastest-growing, expected to grow at 8% CAGR.

By End User:
Hospitals hold the largest share, set to hit USD 350 million by 2034.
Ophthalmic clinics are growing fastest (8.2% CAGR) as more specialized clinics open and expand services.

By Technology:
Automated canaloplasty is the fastest-growing segment (8.5% CAGR), driven by AI integration and precision-focused systems.

By Distribution Channel:
Direct sales dominate, projected at USD 400 million by 2034.
Distributors are growing fastest (8% CAGR), supported by more online distribution channels and wider device availability.

Key Growth Drivers

Increasing glaucoma cases: Glaucoma is the second leading cause of blindness worldwide, expected to affect over 80 million people by 2030.
Aging population: The number of people over 60 is set to double by 2050, significantly raising glaucoma risk.
Government and regulatory support: Faster approvals for new surgical devices and higher funding for glaucoma research are boosting innovation.
Product launches: Companies like Glaukos Corporation, Nova Eye Medical, and iSTAR Medical are actively developing new devices.

Market Challenges

While growth prospects are strong, the market faces hurdles:

High costs: Procedures can cost between USD 3,000 and 5,000, limiting access in low-income regions.

Regulatory complexity: Companies face significant expenses to meet FDA and EMA requirements, with device approvals often costing millions.
Reimbursement gaps: In some countries, lack of insurance coverage remains a barrier for patients.

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Industry Outlook

Despite cost and regulatory challenges, the outlook remains positive. The World Health Organization expects glaucoma prevalence to rise 20% by 2030, ensuring continued demand for effective treatments. New FDA-approved devices and the integration of AI in both diagnostics and surgery are expected to significantly improve patient outcomes and expand adoption.

Canaloplasty Competitive Strategies & Notable Developments

Top 10 Companies

Glaukos Corporation
Nova Eye Medical
iSTAR Medical
Alcon
Bausch & Lomb
Ellex Medical Lasers
New World Medical
Sight Sciences
MicroSurgical Technology
Ivantis

Strategy

Top players in the Canaloplasty Market are competing through strategies such as vertical integration, strategic partnerships, and innovation. For instance, Glaukos Corporation holds a 32% market share due to its advanced canaloplasty devices and strategic partnerships with leading healthcare providers. Nova Eye Medical is focusing on R&D to enhance product efficacy and safety, while iSTAR Medical is expanding its presence in emerging markets through strategic partnerships.

Canaloplasty Market Segmentation

By Product Type
Canaloplasty Devices

Consumables
Accessories

By Application
Open-Angle Glaucoma
Angle-Closure Glaucoma

By End User
Hospitals
Ophthalmic Clinics
Ambulatory Surgical Centers

By Technology
Manual Canaloplasty
Automated Canaloplasty

By Distribution Channel
Direct Sales
Distributors

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