2017 Glaucoma Surgical Device Report

A Global Market Analysis for 2016 to 2022

- 133 Charts and Tables
- 294 Comprehensive Pages
- 34 Company Profiles
- 8 Geographic and Economic Breakouts
In the 2017 report, we focus on all types of glaucoma surgery and show how minimally invasive glaucoma surgery (MIGS) stents will dramatically change glaucoma care, leading to patients being treated at an earlier stage in the disease process. We expect the size of the glaucoma surgical device market to more than triple over the next five years, driven largely by the impact of MIGS stents. The list of companies participating in the MIGS space continues to grow and includes Glaukos, Allergan, Alcon, Ivantis, and Santen, and we look at the challenges and opportunities each will face in the coming years.

Market Scope’s 2017 Glaucoma Surgical Device Report provides in-depth coverage of current and future surgical devices for treating glaucoma.

Four Categories Are Analyzed In This Report:
- Conventional Glaucoma Surgery (CGS) Devices
- Advanced Technology Glaucoma Surgery (ATGS) Devices
- Selective Trabeculoplasty (SLT) Lasers
- Disposables/Instruments

Each Market Segment Includes:
- An Analysis of Market Competitors and Five-Year Forecasts for Market Performance
- An Analysis of Market Competitors and Five-Year Forecasts for Market Performance
- An Analysis of Market Competitors and Five-Year Forecasts for Market Performance

Also Included in This Report:
- Background on Glaucoma and its Forms
- The Global Glaucoma Populations
- Glaucoma Care Providers
- Diagnosing Glaucoma
- Treating Glaucoma
- Investigational Devices in the Pipeline
- 34 Company Profiles
- 78 Color Tables and 55 Color Figures

In 2017, the global glaucoma surgical device market was valued at $532 million in manufacturer revenues. The market is expected to grow significantly over the next five years, driven by the impact of MIGS stents.
Our report on the glaucoma surgical device market is in its eleventh edition. It is a leading industry source for accurate and relevant information on all aspects of the glaucoma surgical device market. We cover prevalence and forecasts for glaucoma worldwide, and we discuss the ophthalmologists who treat glaucoma. We examine the role of surgical intervention, the market dynamics for currently commercialized products, and the pipeline of investigational devices that may offer improved outcomes. We forecast product demand in units and dollars, and we analyze market shares by product category. We also discuss key strategic issues.

> This report includes market data for 2016, and we forecast market performance through 2022.

How to Order

Order your 2017 Glaucoma Surgical Device Report now at www.market-scope.com or contact us directly via email or phone.

Our Process

Market Scope’s industry reports are meticulously prepared by a dedicated team of in-house consultants/analysts with over 100 years of collective ophthalmic experience and each data point is driven by a combination of sources, including the following:

- Our proprietary global disease population and demographic models
- Twenty years and counting of ophthalmologist survey data
- Analysis of company published financial reports
- Focused coverage of ophthalmic scientific research, business news, and other activities
- Attendance and participation in major, worldwide ophthalmic meetings
- Interviews and long-standing relationships with company executives and practicing ophthalmologists
The challenges of managing glaucoma

The key role of IOP
A competing theory regarding IOP and glaucoma
Growing glaucoma treatment options
How ophthalmologists determine the best POAG treatment option
POAG stages and typical treatment approaches

Laser products

Laser trabeculoplasty
Argon laser trabeculoplasty (ALT)
Selective laser trabeculoplasty (SLT)
Medication reduction with trabeculoplasty
Frequency of multiple laser treatments
Iridectomy and iridoplasty
Laser peripheral iridectomy (PI)
Gonioplasty (also called iridoplasty)
More US data on laser procedures for glaucoma
Frequency of laser procedures in the US
Laser procedure reimbursement and financial incentive
Ophthalmic lasers used for SLT/ALT glaucoma treatment
Most commonly used glaucoma lasers
Slt market size and growth forecasts
Leading SLT laser suppliers
810 nm lasers for ECP and TSCP
Regulatory update
Cyclophotocoagulation laser market size and growth forecast
Competitor market share

Surgical treatment of glaucoma

Global glaucoma surgery by country/region
Location for glaucoma surgery
Global forecast for glaucoma surgery
Growth in the percentage of glaucoma patient population treated surgically

Conventional glaucoma surgery (cGS)
Filtering surgery (Trabeculectomy)
Data on trabeculectomy’s effectiveness
Types and volume of filtration surgeries
Reimbursement

Adjuvant products for trabeculectomy

Adjuvantive devices
Aeon astron ologen
Market size and growth expectations
Suppliers of adjuvantive devices for filtering surgery
Adjuvant antifibrotics used in filtering surgery
Off-label compounds
Labeled antifibrotics for glaucoma
Mobius Therapeutics’ mitosol
Other early-stage antifibrotic investigational drugs

Tube shunt

Tube shunts with no resistance
Tube shunts with uniform resistance
Common tube shunt complications
Surgical techniques used in tube shunt implantation
Tube versus trab [TVT] study has given tube shunts momentum
Physician, hospital, ASC reimbursement for glaucoma valve procedures
Leading companies
Tube shunt market size and projection
Tube shunt models and features
Leading tube shunt suppliers

IOP-lowering effects of cataract surgery

Advanced technology glaucoma surgery devices
Characteristics of the ideal drainage device
Aqueous drainage patterns
Targeting alternative drainage sites
Ab externo and ab interno surgical approaches
Shift expected in glaucoma treatment paradigm
ATGS device classifications
A redefinition of MIGS considered

Minimally invasive glaucoma surgery (MIGS) stents
ATGS drainage devices require CPT reimbursement strategy in US
The CPT coding application and approval process
Us Medicare and third party reimbursement for MIGS
OUs MIGS regulatory approval and reimbursement
MIGS drainage device companies and devices
Microshunts implanted ab externally
MIGS product and market development assumptions
MIGS drainage implant market size and growth forecast
Competitive landscape

Canal surgery devices

Regulatory status
Canaloplasty
Recent clinical results
Regulatory, reimbursement and market status
Canaloplasty products forecast
The neoMedix trabectome surgical system
Trabectome market size and growth forecast
Summary of canal surgery products by category
Competitor market share

Trab-Plus devices
Clinical results
Other glaucoma surgery devices

Single-use items
Market forecast for single-use items
Competitors

Reusable surgical instruments and knives

Company profiles
Aeon astron corporation
Aicon surgical
Allergan, Inc.
A.R.C. Laser GmbH
Asicd
Aptisian S.A.
AQ BioMed
aulorlab, Inc.
Beaver Visitec International Inc. (BVI)
Camras Vision
Carl Zeiss Meditec AG
Ellex Medical Lasers Limited
Eye Tech care
Glaukos Corporation
Helen universe
Infocus
IOPtrima Ltd.
Iridex Corporation
Istar Medical
Invantis
Johnson & Johnson vision
LightMed
Lumenis Ltd.
MicroOpex
Mobius Therapeutics LLC
Molteno Ophthalmic Ltd.
NeoMedix
New World Medical
Quantel Medical
Refocus Group Inc.
Rhein Medical Inc.
Sims Medical Inc.
Sota Inc.
STAA Surgical

About Us

Market Scope is recognized as the leading source for accurate and timely industry information in ophthalmology.

We have been conducting primary research and producing comprehensive reports on ophthalmic markets since 1996. Our data, analysis, and forecasts serve as starting points for many annual planning cycles, strategic plans, acquisition analyses, and return-on-investment decisions in the industry. In addition, our information is routinely included in annual reports, SEC filings, and investor presentations by leading ophthalmic companies.