

Global Retinal Surgery Devices Market (By Device Segment, Application, Regional Analysis), Company Profiles, Major Deals, Strategy and Recent Developments – Forecast to 2030

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Abstracts

The global retinal surgery devices market is projected to reach US\$ 4.71 Billion by 2030. Retinal surgery devices such as retinal laser equipment, microscopic illumination equipment, vitrectomy packs, vitrectomy machines, surgical instruments and others are used for the treatment of different retinal diseases such as diabetic retinopathy, macular hole, retinal detachment, and others. The global retinal surgery devices market is mainly driven by increasing prevalence of ophthalmic conditions, especially diabetic retinopathy. Diabetic retinopathy is the most common diabetic eye disease and a leading cause of blindness in American adults.

The factors driving the retinal surgery devices market are: rising global geriatric population coupled with the growing number of eye disorder, increase in diabetic patient pool, consistent efforts by healthcare organizations, low treatment adherence and compliance to conventional therapeutics and a high demand for retinal surgery devices compatible with minimally invasive procedures. In addition, the technological advancements in this field are providing efficient treatment platforms for the different retinal diseases. One such advancement is the use of minimally invasive surgical instruments. Lesser pain, quicker recovery, and minor scarring are the advantages offered by the use of minimally invasive surgical instruments. However, the high cost of retinal eye surgery devices and dearth of skilled professionals with expertise in ophthalmic surgery are major restraints that restricts the growth of the market.

Global Retinal Surgery Devices Market – Recent Developments

In April 2023, Bausch + Lomb Corporation announced the U.S. launch of StableVisc cohesive ophthalmic viscosurgical device (OVD) as well as TotalVisc Viscoelastic System. StableVisc and TotalVisc provide eye surgeons with new options for dual-action protection during cataract surgery.

In January 2022, Alcon completed the acquisition of Ivantis, developer and manufacturer of the novel Hydrus Microstent, a minimally-invasive glaucoma surgery (MIGS) device.

In January 2021, Topcon announced the launch of the revolutionary Refraction System, Chronos. Topcon Chronos offers binocular autorefraction, keratometry measurements and visual acuity with subjective testing.

By Segment: Global Retinal Surgery Devices Market & Forecast – Key Takeaways

Among the device types, vitrectomy packs segment accounts for the largest revenue share in the global retinal surgery devices market, owing to high usage of vitrectomy devices in procedures such as combined retinal surgery, vitreous removal, posterior vitreous detachment, epiretinal membrane removal and others.

Vitrectomy machines segment captured second highest share of the global retinal surgery devices market in 2022, followed by Retinal lasers device segment.

Fueled by an expanding variety of surgical instruments used in vitrectomy and a growing trend toward disposable versions, retinal surgery's share of the global surgical instruments market will continue to increase through 2030.

The global market for tamponades is driven by the increasing incidence of retinal detachment, diabetic retinopathy, macular pucker, and other retinal disorders.

By Application: Global Retinal Surgery Devices Market & Forecast – Key Takeaways

The Diabetic retinopathy, retinal detachment, epiretinal membrane procedure, and macular hole, are the major disease sites where retinal surgery devices find

application. Among these, diabetic retinopathy holds the largest share both in terms of revenue generation and number of procedures majorly driven by continuous rise in prevalence of the disease.

Diabetic retinopathy is likely to impact around 11.3 million Americans by 2030.

The retinal detachment application segment is anticipated to grow at the highest pace over the forecast period. The average number of detachment incidence is 10–15 per 100,000 people.

In 2022, Macular Hole captured least share of the retinal surgery devices market.

By Region: Retinal Surgery Devices Market & Forecast – Key Takeaways

Geographically, North America is the largest regional market for retinal surgery devices, followed by Europe. Growing base of ophthalmic disease and diabetic population and increasing demand for minimally invasive surgical procedures mainly drive the market in these regions.

Asia Pacific is projected to witness the fastest market growth over the forecast period, driven by developing healthcare infrastructure, rising awareness, increasing healthcare expenditure, and growing adoption of new devices and treatment options.

Latin America and Middle East and Africa are competing closely to grab maximum share of the retinal surgery devices market.

iGATE RESEARCH report titled “Global Retinal Surgery Devices Market (By Device Segment, Application, Regional Analysis), Company Profiles, Major Deals, Strategy and Recent Developments – Forecast to 2030” provides a comprehensive assessment of the fast–evolving, high–growth Retinal Surgery Devices Market.

This 241 Pages report with 64 Figures and 7 Tables has been analyzed from 8 viewpoints:

1. Global Retinal Surgery Devices Market & Forecast (2012 – 2030)

2. Global Retinal Surgery Devices Market Share & Forecast (2012 – 2030)
3. Global Number of Persons Affected by Retinal Diseases (2015 – 2030)
4. By Segment - Global Retinal Surgery Devices Market & Forecast (2012– 2030)
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7. Global Retinal Surgery Devices Market – Company Profiles, Major Deals, Strategy, Sales, Recent Developments
8. Global Retinal Surgery Devices Market – Growth Drivers and Challenges

By Segment - Global Retinal Surgery Devices Market & Forecast

1. Vitrectomy Packs
2. Retinal Lasers
3. Vitrectomy Machines
4. Instruments
5. Temponades
6. Retinal Laser Probes
7. Cryosurgery Devices
8. Hemostasis
9. Light Pipes
10. Light Source & Others

By Application - Global Retinal Surgery Devices Market & Forecast

Global Retinal Surgery Devices Market (By Device Segment, Application, Regional Analysis), Company Profiles, M...

1. Diabetic Retinopathy
2. Retinal Detachment
3. Epiretinal Membrane
4. Macular Hole
5. Others

By Geography - Global Retinal Surgery Devices Market & Forecast

1. North America
2. Europe
3. Asia Pacific
4. Latin America
5. Middle East and Africa
6. Rest of The World

Global Retinal Surgery Devices Market – Company Profiles

1. Alcon, Inc.
2. Carl Zeiss Meditec AG
3. Topcon Corporation
4. Bausch Health Companies Inc. (Formerly Valeant Pharmaceuticals International, Inc.)
5. Iridex Corporation
6. Ellex Medical Lasers (Acquired by Quantel Medical)

7. Escalon Medical

8. Second Sight Medical Products Inc. (Now Vivani Medical, Inc.)

9. Lumenis

10. Nidek Co., Ltd.

11. Optos, plc

Data Sources

iGATE RESEARCH employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports. This report is built by using data and information sourced from Proprietary Information Database, Primary and Secondary Research Methodologies, and In house analysis by iGATE Research dedicated team of qualified professionals with deep industry experience and expertise.

Research Methodologies

Primary Research Methodologies: Questionnaires, Surveys, Interviews with Individuals, Small Groups, Telephonic Interview, etc.

Secondary Research Methodologies: Printable and Non–printable sources, Newspaper, Magazine and Journal Content, Government and NGO Statistics, white Papers, Information on the Web, Information from Agencies Such as Industry Bodies, Companies Annual Report, Government Agencies, Libraries and Local Councils and a large number of Paid Databases.

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