

Intraocular Lens (IOL)-Pipeline Insight and Competitive Landscape, 2022

Medical Pipeline (4-5 Business Days) | 2022-07-01 | 60 pages | DelveInsight

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Report description:

DelveInsight's, "Intraocular Lens (IOL)-Pipeline Insight and 2022," report provides comprehensive insights about 20+ companies and 20+ pipeline devices in Intraocular Lens (IOL) pipeline landscape. Intraocular lenses (IOL) are the medical devices which are implanted inside the eye to replace natural eye lens; so as to treat cataract or refractive errors. Growth in this market can be attributed to the rapid growth in the geriatric population and associated eye disorders, rising prevalence of eye diseases & diabetes in the overall population across the globe, technological advancements in intraocular lenses, and increasing government initiatives to control and treat blindness caused by cataract. This report provides a detailed study of the emerging Intraocular Lens (IOL) devices along with competitive landscape to help better understand the emerging Intraocular Lens (IOL) devices.

Geography Covered

- Global coverage

Intraocular Lens (IOL) Overview

Intraocular Lens (IOL): Understanding

These lenses can be used as an alternative or adjunct to corneal astigmatic incisions for correcting preexisting astigmatism in patients with cataracts. They are a particularly attractive option in those cases where limbal-relaxing incisions are not powerful or predictable enough. Other lenses may correct astigmatism in addition to spherical refractive errors in patients. An intraocular lens implant, or IOL, is a transparent plastic implant and is around one third the size of a dime. Several different forms exist:

- Monofocal IOL: This is the most common, this implant stays focused at one fixed distance.
- Multifocal implant: Like glasses with bifocal or progressive lenses, this lens has areas that help see things at different distances. It could take several months for brain to adapt so vision seems natural. It can sometimes cause more halos or glare around lights than a monofocal lens.
- Accommodating IOL: This flexible option acts more like natural lens and focuses at more than one distance. It makes less likely to need reading glasses.
- Toric IOL: if a cornea that's more football-shaped than round or have astigmatism, this lens lessens astigmatism so won't need glasses to correct it after surgery.

How does an Intraocular Lens (IOL) work?

A specifically engineered artificial lens called the intraocular lens, is inserted into the eye at the time of eye surgery to take the

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place of the clouded human lens. It is permanently fixated inside the eye, unlike a contact lens.

The IOL is permanent because it is made of a substance that is fully translucent that can never cloud. Once in place, it won't move, because there are no moving parts in the lens that could wear out over time, unlike an artificial joint or heart valve.

Intraocular Lens (IOL) Devices Competitive Assessment

This segment of the Intraocular Lens (IOL) report encloses its detailed analysis of various pipeline devices which include product description, licensing and collaboration details and other developmental activities including pipeline territories, regulatory paths and estimated approval dates and the latest news and press releases. The report also provides list of major players involved in the pipeline product development.

- Product Type

Intraocular Lens (IOL) can be divided based on Types - Monofocal Intraocular Lens, Premium Intraocular Lens, Toric Intraocular Lens, Multifocal Intraocular Lens, Accommodating Intraocular Lens and Others- are covered in this report.

- Product Material

Intraocular Lens (IOL) can be divided based on Material type - Polymethylmethacrylate (PMMA), Silicone and Hydrophobic Acrylic.

- Major Players in Intraocular Lens (IOL)

There are approx. 20+ key companies which are developing the products for Intraocular Lens (IOL).

- Trifocal Intraocular Lens Isatis TF: Cutting Edge SAS

The product is currently undergoing a multicentric, controlled, prospective, open-label clinical study whereby patients undergoing routine cataract surgery will have bilateral implantation of hydrophobic acrylic refractive trifocal intraocular lenses (Isatis TF) or the monofocal control device Isatis. The device under investigation is a hydrophobic acrylic trifocal intraocular lens (IOL). The study is estimated to be complete by December 2021.

- Phakic Implantable Collamer Lens: Staar Surgical Company

The lens is under investigational study. The objective of the study is to evaluate the safety, and to collect supportive data on effectiveness of the EVO/EVO+ Visian Implantable Collamer Lens (ICL) on patients diagnosed with myopia or myopia with astigmatism. This study will be conducted at up to 20 clinical sites in the United States by surgeons qualified by training and experience to implant STAAR ICLs.

Further product details are provided in the report??..

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Intraocular Lens (IOL) Competitive Benchmarking

This segment of the reports provides analysis of the pipeline report to give a clear understanding of the comparative analysis.

The analysis is based on

- Brand Positioning of Leading companies

- Application

- Industry Collaborations

Intraocular Lens (IOL): Commercialization Activity

This segment of the report provides a detailed list of any commercial activity in the field of Intraocular Lens (IOL) devices ranging from collaboration, mergers and acquisition, recent breakthrough among others.

Development Activities

- In September 2020, STAAR Surgical Company, a leading developer, manufacturer and marketer of implantable lenses and companion delivery systems for the eye, announced that patient enrollment for the primary study analysis cohort of 300 subjects has been achieved in its U.S. FDA clinical trial. EVO Vision ICLs are intended to treat a wide range of refractive error, including myopia (nearsightedness) which is the need for distance vision correction.

- In October 2020, Hoya Surgical Optics Announces Global Launch of CLEARlog - an App designed to analyze Clinical Outcomes of Cataract and RLE Surgery. CLEARlog stands for Cataract & Lens Exchange Analysis & Register log. It is an app that allows Cataract

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and Refractive Lens Exchange (RLE) surgeons to quickly and efficiently record and analyze their cataract and RLE practice patterns and clinical outcomes.

Further commercial activities are provided in the report??..

Intraocular Lens (IOL): Reimbursement

- US

Medicare generally does not pay for vision care, but it will cover certain medically necessary services, such as cataract surgery. Medicare covers cataract surgery that involves intraocular lens implants, which are small clear disks that help eyes focus.

Although Medicare covers basic lens implants, it does not cover more advanced implants. After the surgery, Medicare will also cover one pair of glasses or contact lenses. This is an exception to Medicare coverage rules, which normally exclude eyeglasses from coverage.

Further information is provided in the report??..

Report Highlights

- Extensive coverage of the Intraocular Lens (IOL) under development

- The report reviews details of major pipeline products which includes, product description, licensing and collaboration details and other developmental activities

- The report reviews the major players involved in the development of Intraocular Lens (IOL) and list all their pipeline projects

- The coverage of pipeline products based on various stages of development ranging from Early Development to Approved / Issued stage

- The report provides key clinical trial data of ongoing trials specific to pipeline products

- Recent developments in the segment / industry

- The report consists of in depth analysis of pipeline products based on various parameters

Intraocular Lens (IOL) Report Insights

- Intraocular Lens (IOL) - Pipeline Analysis

- Intraocular Lens (IOL) - Unmet Need

- Intraocular Lens (IOL) - Market Dynamics

- Intraocular Lens (IOL) - Future Perspectives and Conclusion

- Intraocular Lens (IOL) - Analyst Views

Key Questions

- What are significant companies in this segment, their information, analysis, and insights to improve R&D strategies?

- How to identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage?

- What are important and diverse types of Intraocular Lens (IOL) under development?

- What are market-entry and market expansion strategies in Intraocular Lens (IOL)?

- What are some of the mergers and acquisitions and to identify major players with the most promising pipeline?

- What is in-depth analysis of the product's current stage of development, territory and estimated launch date?

Key Players

- Oculentis

- Hanita Lenses

- SIFI S.p.A

- Biotech

- HOYA Corporation

- STAAR SURGICAL

- Rayner Intraocular Lenses Limited

- Alcon

- Johnson & Johnson Services, Inc.

- Bausch & Lomb Incorporated

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