



## Ophthalmology Congress: Scope and Market Research

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According to a study it is estimated that around 48% of world population is blind because of cataract and more than 60 million people suffer from glaucoma and it is estimated that the number would rise to 80 million by the end of 2020. Ageing population is the leading cause for refractive error problem in countries like the USA and Europe, it is noticed that the refractive error problem is mostly seen in population ageing more than 40 years.

After a huge downfall of the market during economic drain in 2008-2009, ophthalmology market is catching up to get back to the normal as there is a rapid growth in population resulting in increased number of patients with eye diseases and the incidence of cataract and glaucoma are increasing every year.

### Importance and scope:

The field of Ophthalmology: Ocular treatment & care is growing rapidly and its development is making tremendous impacts in medical and health sciences and pharmaceuticals. The importance and significance can be gauged by the fact that it has made huge advancements over the course of time and is continuing to influence various sectors. Ophthalmology Congress 2020 conference will concentrate on latest and exciting innovations in areas of eye surgeries, diagnostics and recent technologies towards eye care. It will also provide an excellent opportunity to meet the leading eye surgeons, top class eye care specialists, ophthalmologists, optometrists, research scientists and the young student research community working the related field. Ophthalmology Congress 2020 Conference is designed to comprise of Keynote sessions, Workshops and focused symposium on latest developments in the field of one of the sense organ Eye health. The three-day Ophthalmology -2020 conference includes major sessions on detailed overview on Retinal diseases and disorders, Research Trends in Surgical and Medical Ophthalmology, Novel Approaches to Ophthalmology Therapeutics, Ocular-Pathology, Optometry and vision science. Ophthalmology Summit 2020 also acts as a platform to

exchange information, new interventions and strengthen the collaboration among Ophthalmologists, Optometrists, Researchers, Associate Professors, and Scholars from both academia and ophthalmic Institutes.

### As per WHO:

- 285 million people are estimated to be visually impaired worldwide: 39 million are blind and 246 have low vision.
- About 90% of the world's visually impaired live in low-income settings.
- 82% of people living with blindness are aged 50 and above.
- Globally, uncorrected refractive errors are the main cause of moderate and severe visual impairment; cataracts remain the leading cause of blindness in middle- and low-income countries.
- The number of people visually impaired from infectious diseases has reduced in the last 20 years according to global estimates work.
- 80% of all visual impairment can be prevented or cured.
- Cataract removal is the most commonly performed ophthalmic surgical operation.

### SIFI

SIFI is the leading Italian ophthalmic company, focused on eye care since 1935. SIFI designs, manufactures and markets innovative pharmaceutical specialty products, surgical and medical devices. Headquartered in Catania, Sicily, SIFI operates directly in Italy, Romania and Mexico with a staff of more than 350 people worldwide. Since June 2015, SIFI is backed by 21 Investment, a private equity firm founded by Alessandro Benetton, which supports the company's international expansion and portfolio development strategy.

Fund Allotment to Ophthalmology Treatments and Research: The Ophthalmology Department at Upstate Medical University has received a \$110,000 unrestricted grant from Research to Prevent Blindness (RPB), bringing the department's total

amount of RPB funding to more than \$2.6 million since 1998. In addition to RPB funding, Upstage's Ophthalmology Department has attracted more than \$22.7 million in peer-reviewed funding from the National Institutes of Health, National Science Foundation and other agencies and lists among its funding sources \$1.2 million from the Grateful Patient campaign of the Upstate Medical University Foundation and \$250,000 from the Lions Clubs of District

The NEI is operating under a continuing resolution (H. R. 2775/Public Law 113-46), which provides \$195M to fund operations. See

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-14-012.html>. \$10M is allocated to Research Management Support, \$24M to the Intramural Research Program, and \$161M to Extramural Research.

### **World Ophthalmology 2020 statistical surveying:**

After a tremendous destruction of the market amid monetary deplete in 2010-2013, ophthalmology showcase is making up for lost time to return to the typical as there is a quick development in populace bringing about expanded number of patients with eye sicknesses and the occurrence of waterfall and glaucoma are expanding each year.

As indicated by an examination it is evaluated that around 48% of total populace is visually impaired due to waterfall and in excess of 60 million individuals experience the ill effects of glaucoma and it is assessed that the number would ascend to 80 million before the finish of 2021. Maturing populace is the main source for refractive blunder issue in nations like the USA and Europe, it is seen that the refractive mistake issue is for the most part found in populace maturing over 40 years.

Ophthalmology advertise is primarily separated in to four fragments viz, surgical gadgets, demonstrative and checking gadgets, vision mind and ophthalmic medications.

academic research and industrial innovations, involving every aspect of cataract and refractive surgery techniques. However, it is open to all types of advanced research methodologies both from academia and industry

### **Significance and extension:**

Ophthalmology Summit 2020 upgrades ophthalmic instruction to enhance eye mind Foundations like (NIE, Wilmer are included) Add to protection and rebuilding of vision around the globe.

Ophthalmology keeps on being an appealing field of solution with awesome openings.

Conference Series welcomes all the ophthalmologists, optometrists, research scholars, industrial professionals and student delegates from biomedical and healthcare sectors to be a part of the esteemed Ophthalmology Summit2020.

### **Why in London, UK?**

In addition to being the fastest growing market for pharmaceuticals, accessible patient populations and the growing infrastructure for quality conduct of clinical trial makes United Kingdom attractive for global clinical development and a need for local regulatory authorities to quickly bring their processes and guidelines up to date and in alignment with the changing clinical trial environment in each country has emerged. Efforts toward regulatory collaboration to bridge the gap between different countries' requirements are underway. This has led to a certain degree of convergence for regulatory principles and pathways while implementing local regulatory changes in a way that is compatible with local environments.

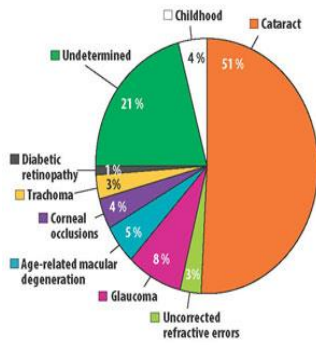
And more over London tourism attracts more than 8 million people every year from around the world, which has more than 16 world heritage sites. And statistics shows that the highest % of people visiting Japan are not just from Asian countries but also from all around the world, this makes Japan a most preferable destination for the Ophthalmologists 2020 conference.

### **Statistics of Physicians, Researchers and Academicians working on ophthalmology.**

Eye Diseases world wide basis:

Globally, it is estimated that at least 2.2 billion people have a vision impairment or blindness, of whom at least 1 billion have a vision impairment that could have been prevented or has yet to be addressed .This 1 billion people includes those with moderate or severe distance vision impairment or blindness due to unaddressed refractive error (123.7 million), cataract (65.2 million), glaucoma (6.9 million), corneal opacities (4.2 million), diabetic retinopathy (3 million), and trachoma (2 million), as well as near vision impairment caused by unaddressed presbyopia (826 million) (1).

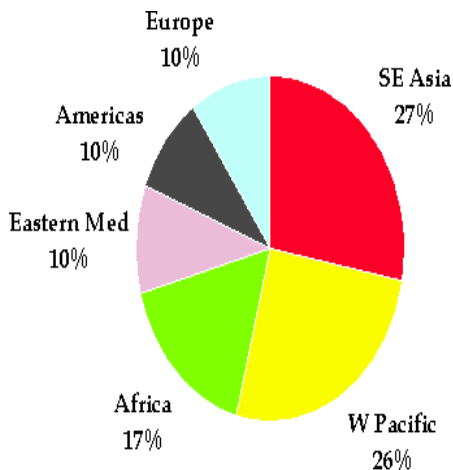
## Global eye disease



In terms of regional differences, the prevalence of distance vision impairment in low- and middle-income regions is estimated to be four times higher than in high-income regions (1). With regards to near vision, rates of unaddressed near vision impairment are estimated to be greater than 80% in western, eastern and central sub-Saharan Africa, while comparative rates in high-income regions of North America, Australasia, Western Europe, and of Asia-Pacific are reported to be lower than 10% (2). Population growth and ageing will increase the risk that more people acquire vision impairment.

Global Distribution:

Changing trends in diet and lifestyle as well as increased long life are growing the market for ophthalmological treatments: the global ophthalmic device market is expected to reach \$28 billion by 2016 exhibiting a 2.5% compound annual growth rate from 2009 to 2016, according to GBI Research.

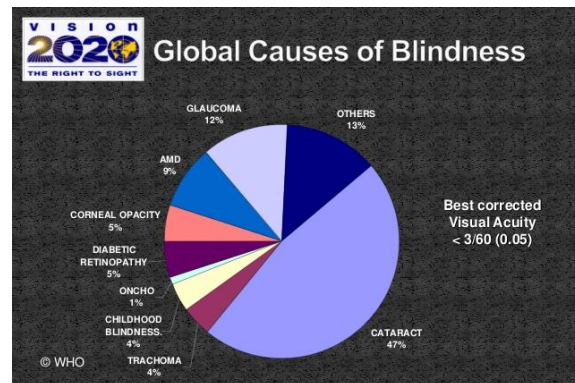


**beats \$22 billion (US) and is rising at more than 10% per year. Without the supplement of consumer eye care**

products, the ophthalmic products market is coarsely a \$17 billion market.” Rising of call for ophthalmic devices and increasing healthcare coverage in emerging economies will rise sales to 2024. The medical device market of Japan is mainly comprised of medical equipment’s such as consumables, orthopaedic devices, dental devices, respiratory devices, and ophthalmic devices which are manufactured in Germany, France, the UK, Italy and Spain. The demand for medical devices has been increasing owing to a growing awareness for early diagnosis and treatment of uncountable disease states in Japan. The key countries that have contributed significantly in developing medical devices market during 2008-2013 include Germany, UK, Spain and France. Germany is one of the chief medical instrument development markets and it has been observed that the country contributes immensely to the exports of medical devices.

## Overall No. of Ophthalmologists

According to the statistics provided by ICO there are app 60-70 ophthalmologists in London and more than 13000 ophthalmologists in U.K and 200000 estimated ophthalmologists worldwide. Among them 60% of ophthalmologist are into surgery and in U.K alone 50% of ophthalmologists are into surgery and around 1000 ophthalmologists are residence.



Previous Conference Report:

28th International Conference on Insights in Ophthalmology unites a one of a kind and universal blend of extensive and medium pharmaceutical, biotech and analytic organizations, driving colleges and clinical research establishments making the gathering an ideal stage to share involvement, cultivate joint efforts crosswise over industry and the scholarly world, and assess developing innovations over the globe.

This 2019 Summit augments the chance to interface with and gain from your associates from the nation over and over the globe it had with the discourses on Retina and Retinal Issue, Cornea and Outside Eye Ailment Neuro-Ophthalmology, Glaucoma: Visual Field Misfortune,

Visual Microbiology and Immunology, Novel Ways to deal with Ophthalmology Therapeutics and some more.



Members associated with ophthalmology research:

- American Academy of Ophthalmology
- Afro-Asian Council of Ophthalmology
- All India Ophthalmological Society
- Asia Pacific Academy of Ophthalmology
- Canadian Ophthalmological Society
- Chinese Ophthalmological Society
- Canadian Ophthalmological Society
- Danish Ophthalmological Society
- European Society of Ophthalmology
- French Society of Ophthalmology
- German Ophthalmological Society
- Italian Society of Ophthalmology
- Japanese Ophthalmological Society
- Korean Ophthalmological Society
- Malaysian Society of Ophthalmology
- Ophthalmological Society of South Africa
- Ophthalmic Society Emirates Medical Association
- Royal College of Ophthalmologists, United Kingdom
- Saudi Ophthalmological Society
- Major Associations related to Eye in USA:
- American Academy of Ophthalmology
- American Academy of Optometry
- American Board of Ophthalmology
- American Council of the Blind
- American Uveitis Society
- Maryland Society of Eye Physicians & Surgeons
- American Academy of Ophthalmology
- American Academy of Optometry
- American Association for Pediatric Ophthalmology and Strabismus
- American Association of the Deaf-Blind (AADB)
- American Autoimmune Related Diseases Association, Inc
- American Behcet's Disease Association
- American Board of Ophthalmology
- American College of Medical Genetics (ACMG)
- American Council of the Blind
- American Diabetes Association
- American Foundation for the Blind
- American Optometric Association
- Christian Record Services for the Blind
- Glaucoma Research Foundation
- Vision USA

### Companies in Europe

- Novartis
- Lucentis
- Aerpio Therapeutics
- Alcon
- Allen & Hanburys Ltd
- Actelion Pharmaceuticals UK Ltd
- Altana Pharma Ltd
- Arrow Generics UK Ltd
- AS Pharma Ltd
- Bausch & Lomb UK Ltd
- Baxter International
- Beacon Pharmaceuticals Ltd
- Concord Pharmaceuticals Ltd
- Crawford Pharmaceuticals
- Goldshield Pharmaceuticals Ltd
- GP Pharma
- GlaxoSmithKline
- Hamelin Pharmaceuticals
- Paul Hartmann Ltd
- Hawgreen Ltd
- Henleys Medical Supplies Ltd
- Huntley Pharmaceuticals Ltd
- Hybrand Ltd
- Intrapharm Laboratories Ltd
- Pfizer Ltd
- MDE Diagnostics Europe Ltd
- Mead Johnson Nutritionals
- Meadow Laboratories Ltd
- Medlock Medical Ltd
- Menarini Diagnostics
- Merck Pharmaceuticals
- Micro Medical Ltd
- Merck & Co. Ltd
- Myogen – Myogen GmbH
- Nagor Ltd
- Nestlé UK Ltd
- Network Health & Beauty

### Companies Worldwide

- Abbott
- Acucela
- Aerie Pharmaceuticals
- Aerpio Therapeutics
- Akorn
- Alimera Sciences
- Altheos
- Amakem
- Ampio Pharmaceuticals
- Bayer
- BioDiem
- Eleven Biotherapeutics

- EyeGate Pharmaceuticals
- Gene Signal
- Icon Bioscience
- Lpath
- MacuCLEAR
- Neurotech
- Omeros
- Ophthotech
- Otsuka Pharmaceutical
- OXiGENE
- RXi Pharmaceuticals
- Shire
- Sirnaomics
- ThromboGenics
- Allergan
- Merck
- Pfizer
- Regeneron
- Alimera Sciences
- Accutis Pharmaceuticals
- Iris Pharma
- BioPharmGuy
- Clearside Biomedical
- Santen Pharmaceutical Co., Ltd.
- S J Pharmaceuticals
- Mikart Inc
- McKesson Corporation
- Barr and Stroud
- Bausch & Lomb
- Boston Micro machines Corporation
- Bushnell Corporation
- Keystone View Company
- Quantel Medical
- Icare USA
- Ophthalmic World LLC
- Gilead Sciences
- Amgen
- Watson Pharmaceuticals
- ENTOD
- Santen
- Eylea
- Hyalein
- Cosopt
- Tapros/Taflotan
- Diquas
- Cravit and Tarivid

### Universities in Europe

- Lancaster University
- Bangor University
- Cardiff University
- Loughborough University
- National University of Ireland  
Maynooth
- Newcastle University
- Royal Holloway, University of London

- University of Birmingham
- University of Cambridge
- University of Edinburgh
- University of Glasgow
- University of Kent
- University of Leicester
- University of Nottingham
- University of Oxford
- University of Turku, Finland
- University of York
- University of Zurich
- European College of Veterinary Ophthalmologists

### Number of Hospitals Worldwide

- Royal Perth Hospital, Perth
- Lions Eye Institute, Nedlands
- St John of God Hospital, Subiaco
- Kellogg Eye Center
- Vasan Eye Care
- Narayana Nethralaya
- Manipal Eye Care
- Johns Hopkins Hospital
- Alipurduar Lions Eye Hospital
- Magrabi Eye Hospital
- Wills Eye Hospital
- St. Vincent's university hospital
- Sydney Eye Hospital
- St. Thomas' Hospital
- London Eye Hospital
- Macquarie University Hospital Ophthalmology
- The Cataract Clinic
- Canberra Eye Hospital
- Cataract Care Centre
- Emory Eye Center
- Piedmont Hospital
- St. Joseph's Hospital of Atlanta
- Jules Stein Eye Institute
- Advanced Vision Care, Los Angeles

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