

Ophthalmic medical device research at Ora: Advancing intraocular lens device technology for the evolving needs of the patient



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“Over 1 billion people worldwide have a vision impairment that could have been prevented or has yet to be addressed. Ora partners with ophthalmic medical device companies worldwide to advance diagnostic and therapeutic devices with a patient-minded approach to protect and restore vision. Our global team of ophthalmic experts drive the development of new technologies by offering masterful regulatory strategy and interaction with international regulatory agencies, providing global clinical trial management, data management and biostatistics, and the development of medical device marketing applications. Our team offers technical expertise, passion for innovation, and a commitment to successful outcomes to improve patients’ quality of life.”

Areas of expertise

Artificial Intelligence

Diagnostic and Imaging Devices

Intraocular Lens (IOLs)

Retinal Laser Surgery

Glaucoma Implants and Lasers

Contact Lenses

Diabetic Retinopathy Screening

Pediatric Amblyopia and Myopia

Visual Acuity Testing Platforms

Refractive Devices

Future landscape of the IOL market

The global IOL market is poised to expand considerably over the next 5 years and the future of the technology is promising. Below are key trends and factors shaping the IOL market:

1. Growing demand for cataract surgery

As the global population continues to age, cataract surgeries are increasing.

2. Technological advances with a shift towards premium IOLs

- Multifocal & Extended Depth of Focus (EDOF) Lenses – Will offer patients improved vision at multiple distances, reducing dependency on glasses.
- Toric IOLs – Will correct astigmatism, providing patients with more precise visual outcomes.

3. Personalization and customization

Using biometric data and advanced imaging techniques, future IOLs will be more tailored to individual patient's needs to provide optimal visual outcomes.

4. Emerging markets

Regions in the Asia-Pacific and Latin America are projected to see substantial IOL market growth due to increasing healthcare infrastructure and growing awareness about eye care.

5. Refractive surgery

Refractive lens exchange (RLE), a procedure where IOLs are used to correct refractive errors in patients without cataracts, continues to grow in popularity.

IOL medical devices at Ora: A history of success

Ora's medical device team success, over the past 6 years:

**25 Ophthalmic
device trials**

6 of which
have been IOL

90 Sites

**In the US and
Europe**

**2,300+ Subjects
in IOL clinical**

The IOL device trials
range from Phase
0, 2 and Phase 3

As the landscape of the IOL market continues to grow and evolve, Ora has been working with our partners to usher in a new wave of IOL technological advancement. Let our fundamental principles of scientific rigor and operational excellence at every operational level, across every stage of the process, drive your IOL device study to be a success.

Together, let's prove it!



Ora is a global full-service ophthalmic drug and device development firm with vast capabilities through all steps of clinical research, including preclinical, clinical, CMC & regulatory, and patient and site evaluations. Through Ora's 45+ years of experience, the company has assisted in bringing more than 85+ products to market. Ora's team of experts utilizes global regulatory strategies, integrated research operations, and extensive site and patient engagement to accelerate product development in anterior and posterior segment, as well as ophthalmic devices.