

ALCON SURGICAL

Alcon is the market leader in ophthalmic surgical products and the global leader in the surgical suite, offering the most comprehensive and advanced surgical product portfolio in the world. Eye care professionals, consumers and caregivers trust that we apply rigorous scientific research to develop the best cataract, retinal, refractive and glaucoma surgery technologies and devices. Alcon's surgical portfolio includes the Infiniti® vision system for cataract procedures, the CONSTELLATION® vitreoretinal system for retinal operations, and the AcrySof® family of intraocular lenses (IOLs), including the AcrySof® IQ, AcrySof® IQ ReSTOR® and AcrySof® IQ Toric IOLs. In addition, Alcon provides advanced viscoelastics, surgical solutions, surgical packs and other disposable products for cataract and vitreoretinal surgery.

The Alcon surgical division is the largest division at Alcon. In 2010, global sales of the surgical product line rose 6.0 percent to US \$3.2 billion, representing 44.9 percent of Alcon's total sales of US \$7.2 billion.

Cataracts

More than half of all Americans will have a cataract or will have had cataract surgery by age 80¹. Resulting primarily from aging, a cataract occurs when the eye's lens becomes cloudy, which impairs vision. Through "small incision cataract surgery" or phacoemulsification, the cloudy lens is broken up, removed and replaced by an artificial intraocular lens (IOL).

The AcrySof® family of lenses has more than 50 million lenses implanted worldwide. Physicians appreciate the long-term clinical results and unmatched stability offered by these lenses.



AcrySof® IQ ReSTOR® Intraocular Lens (IOL)

For patients with cataracts with and without presbyopia (blurred vision), there is the AcrySof® IQ ReSTOR® aspheric IOL, which corrects both conditions at the same time. Using an optical technology similar to that utilized in telescopes and microscopes, this IOL gives cataract surgery patients a full range of vision, including near, intermediate and distance. Unlike results achieved with monofocal IOLs, this breakthrough technology significantly reduces dependence on reading glasses or bifocals following cataract surgery. For more information about the AcrySof® IQ ReSTOR® IOL, visit www.acrysofrestor.com.

AcrySof® IQ Toric Intraocular Lens (IOL)

For patients with cataracts and pre-existing corneal astigmatism, there is the AcrySof® IQ Toric aspheric IOL, which delivers precise astigmatic correction, predictable outcomes and quality distance vision without glasses for cataract patients with astigmatism. To learn more about the AcrySof® IQ Toric IOL, visit www.acrysofigtoric.com.



Infiniti® Vision System

The Infiniti® vision system enables surgeons to customize each cataract procedure by choosing fluidics and custom energy solutions according to their technique and individual patient needs. The innovative and patented OZil® torsional hand piece utilizes a unique side-to-side movement to provide decreased repulsion of cataract material and improve efficiency while also improving the thermal safety profile over traditional ultrasound cataract surgery. This technology allows physicians to increase surgical control, which may improve surgical outcomes and safety as compared to traditional phacoemulsification technologies. To learn more about the Infiniti® vision system with the OZil® torsional hand piece, visit www.infinitivision.com.

Vitreoretinal Surgery

Vitreoretinal surgery is a viable treatment option for patients with conditions such as retinal detachment, macular hole and vitreous hemorrhage. In extreme cases, problems with the retina and vitreous (the clear, fluid-like material filling the central cavity of the eye) can cause vision loss and blindness.



CONSTELLATION® Vitreoretinal System

The CONSTELLATION® includes a number of key features designed to give surgeons improved control, efficiency and effectiveness in performing complex vitreoretinal surgical procedures. Some of the most compelling aspects of this system are the 23- and 25-gauge technologies, PUREPOINT® vitreoretinal laser, Xenon illumination, 3-D technology and high-performance ULTRAVIT® vitrectomy probes. To learn more about the CONSTELLATION® vitreoretinal system, visit www.alconretina.com.

Refractive Surgery

Refractive surgery is performed to correct vision impairments and reduce dependency on eye glasses and contact lenses. Laser surgery is the most common form of refractive surgery today.

ALLEGRETTO WAVE® Eye-Q Excimer Laser System

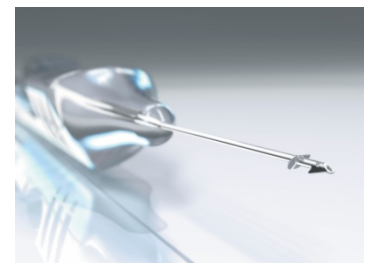
ALLEGRETTO WAVE® Eye-Q is a laser vision correction system that enables a LASIK physician to treat each patient based on the individual specifics of his or her eye. With a pulse frequency of 400 Hz, an eye-tracking system and a cross line projector for precise centration, the Eye-Q provides a higher level of safety and reliability. For more information about the ALLEGRETTO WAVE® Eye-Q 400 Hz laser system, please visit www.alconrefractive.com.



Glaucoma Surgery

Glaucoma is an eye disease that causes loss of sight by damaging a part of the eye called the optic nerve. Glaucoma surgery is often performed when patients have not responded to pharmaceutical treatments.

Alcon's latest addition to its surgical product portfolio is the Ex-PRESS® mini glaucoma shunt, an innovative device that improves on the traditional trabeculectomy procedure with increased predictability and efficiency and is associated with fewer post-operative complications while still comparably lowering intraocular pressure (IOP). The Ex-PRESS® mini glaucoma shunt reduces IOP by diverting the aqueous humor from the anterior chamber into the subconjunctival space of the eye through a shunt that is smaller than a grain of rice.



[†] The Health and Wellness Series, *HealthyBodyHealthyMind.com*
(http://www.itvisus.com/programs/hbhm/episode_824_AdvancesCataract.asp)