



Lucent Vision Offers Cataract Surgery With ORA Intraoperative Aberrometry and Premium Lens Implants in Long Beach, California

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Lucent Vision, a boutique ophthalmology practice led by fellowship-trained refractive and cornea surgeon Dr. Nimesh Pathak, performs cataract surgery using ORA intraoperative aberrometry, Callisto image-guided surgery, and a full range of premium intraocular lens implants. The practice serves patients from Long Beach, Lakewood, Signal Hill, and Los Alamitos who are evaluating surgical options to reduce or eliminate their dependence on glasses and contact lenses after cataract removal. A new article published on the Lucent Vision website, "What Technology Do Long Beach Surgeons Use for Cataract Surgery?", outlines the technologies and lens options available to cataract patients at the practice's Long Beach location.

Modern cataract surgery at Lucent Vision in Long Beach extends beyond the removal of a cloudy natural lens. The practice offers three categories of premium intraocular lenses to patients throughout Long Beach and the surrounding region. Trifocal lenses address near, intermediate, and distance vision simultaneously; multicenter clinical trials conducted in the United States have documented high rates of spectacle independence for patients who receive them. Extended depth-of-focus (EDOF) lenses provide a continuous range of visual clarity with a lower incidence of glare and halos compared to some multifocal designs, a

consideration frequently raised by patients in Long Beach and Lakewood who prioritize visual comfort during nighttime driving. Toric lenses are engineered specifically to correct astigmatism, improving unaided distance vision in patients whose cornea or natural lens carries a cylindrical refractive error. The practice's premium IOL portfolio includes the Alcon Vivity, Alcon PanOptix Pro, Johnson & Johnson Odyssey, Bausch + Lomb Aspire, and Bausch + Lomb Envy. Every cataract consultation at Lucent Vision includes detailed measurements, a thorough discussion of each lens option, and a full evaluation of eye health, including retina and glaucoma screening as indicated, to ensure that lens recommendations are grounded in each patient's ocular anatomy.

Cataract surgery patients from Signal Hill, Los Alamitos, and throughout Orange County who receive premium lens implants at Lucent Vision also have access to ORA (Optiwave Refractive Analysis), an intraoperative aberrometry system that measures the eye's focusing power during surgery. ORA allows the surgeon to verify and adjust intraocular lens power selection in real time, after the eye's natural crystalline lens has been removed and before the implant is permanently placed. This verification step is particularly relevant for toric lens placement, where precise rotational alignment determines how effectively astigmatism is corrected, and for patients who have previously undergone LASIK or other corneal refractive procedures, as pre-operative lens power formulas are less reliable in those eyes. By confirming the surgical plan with live intraoperative data, ORA reduces the likelihood of residual refractive error and the need for corrective lenses after surgery. Lucent Vision also uses Callisto image-guided surgery, which adds an additional layer of intraoperative guidance to the surgical workflow.

"My fellowship training at New York Eye and Ear Infirmary was focused on cornea and refractive surgery, and that background directly shapes how I approach technology selection for every cataract procedure," said Dr. Nimesh Pathak, MD, FAAO, board-certified ophthalmologist, Castle Connolly Top Doctor, and founder of Lucent Vision. "Using ORA and Callisto during surgery allows us to confirm the surgical plan with real-time measurements rather than relying on pre-operative estimates alone. For patients throughout Long Beach and Orange County who want to reduce their dependence on glasses after cataract surgery, that level of intraoperative verification matters - and for our patients, it often means the difference between a good outcome and a great one."

Lucent Vision is located at 5175 East Pacific Coast Highway, Suite 102, in Long Beach, California, and serves patients from Long Beach, Lakewood, Signal Hill, and Los Alamitos. Dr. Pathak performs cataract surgery at Los Alamitos Surgery Center and MemorialCare Surgery Center in Long Beach, both of which are accessible to patients traveling from the Long Beach and broader Orange County region. Both of these surgery centers feature highly experienced surgical teams with access to the best-in-class technology. The practice's Long Beach office is designed to provide a relaxed, spa-like environment for consultations, from the initial evaluation through post-operative follow-up care. Patients can obtain driving directions to the Long Beach office from the city center via Google Maps.

For more information about cataract surgery at Lucent Vision in Long Beach, California, visit lucentvision2020.com or view the practice's Google Business Profile. Lucent Vision offers customized vision correction procedures such as cataract surgery, LASIK, SMILE, EVO ICL, and refractive lens exchange to patients throughout Long Beach, Lakewood, Signal Hill, Los Alamitos, and the greater Orange County area.

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For more information about Lucent Vision, contact the company here: Lucent Vision Nimesh Pathak M.D. info@lucentvision.com 5175 E Pacific Coast Hwy Suite 102, Long Beach, CA 90804

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Lucent Vision offers LASIK in Long Beach, CA. Dr. Nimesh Pathak also offers Refractive Lens Exchange (RLE), Custom Lens Replacement (CLR), Refractive Cataract Surgery, and treatment for Glaucoma, Keratoconus, and Pterygium.

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