

Doctor-developed Iridotomy lens for Glaucoma

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Singapore: Volk Optical has launched a new specialty lens for iridotomy procedures. Developed in conjunction with Eytan Blumenthal MD, the Blumenthal Iridotomy Lens design increases access to the periphery for more efficient glaucoma treatment with less potential for damage to surrounding tissues.

The design of the contact lens indents the cornea to open the angle and flatten the peripheral iris, delivering better patient outcomes with less post-laser inflammation. The Blumenthal Iridotomy's precise positioning and sharply focused laser spot minimizes iris tissue collateral damage and distances the cornea from the iris to reduce the risk of endothelial cell damage. The Blumenthal Iridotomy lens improves over classic lenses, as it is the only lens with corneal indentation capability for enhanced viewing of the far periphery. Constructed using Volk's patented aspheric optics, the lens delivers better image quality and improved laser burn. Lower energy is required, reducing thermal collateral damage. The large lens housing improves lens grip and alignment for oblique viewing of the entire chamber.

Eytan Blumenthal, MD is Chairman of the Department of Ophthalmology at Rambam Health Care Campus (Hafia, Isreal). This is his second lens collaboration with Volk.