



Where Precision Meets
Perfection



for Myopia & Hypermetropia with Astigmatism Correction



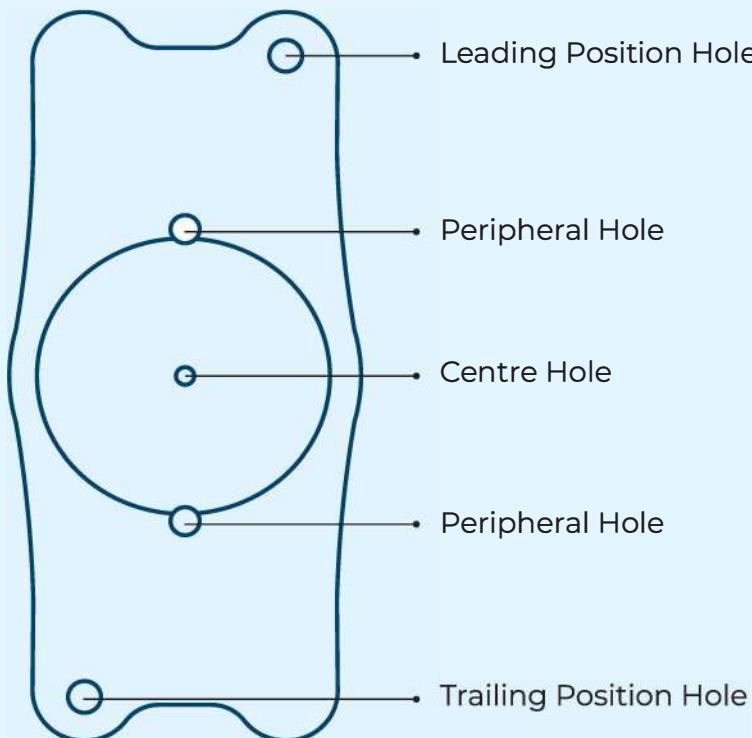
Refractive Implantable Lens

RIL V2.0 Features

- RIL V2.0 is a hydrophilic, single-piece Refractive implantable lens which can be implanted through a 2.8 mm incision.
- The lens is made of Bio-compatible hydrophilic acrylic (26%) material to ensure the long term stability.
- RIL V2.0 has a power range from +1D to +6D for hypermetropic patients & -1D to -24 D for myopic patients
- RIL Toric is customized design for 0° - 180° axis placement irrespective of axis only reference marking required and no rotation needed
- RIL Toric astigmatic correction power range from -1D to -10D
- Suggestive for Patient above **21** years to **45** years

RIL V2.0 innovative design

- Centre Hole size: 340 μ m and two Peripheral hole size: 500 μ m
- State of the art central hole design to facilitate aqueous flow and minimize light scattering and disturbances.
- Innovative plate haptic design for better stability in sulcus.

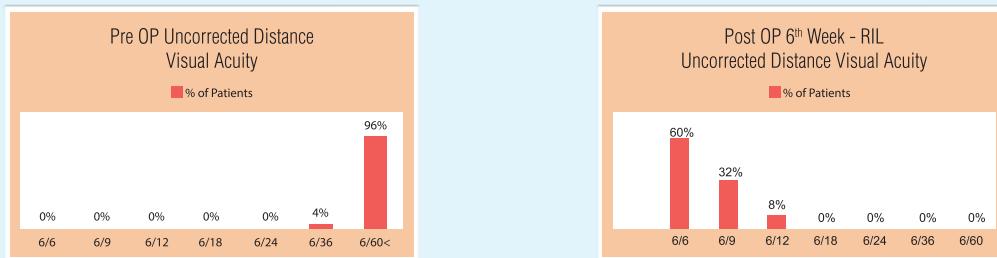


- RIL vault range between 400 μ m to 700 μ m.
- Three hole design ensures better aqueous flow, thus eliminating the need for peripheral iridectomy.
- Lenses are uniquely designed for higher patient comfort and satisfaction

Clinical Result

Visual acuity

RIL post-op results shows 92% of the patients gets 6/6 and 6/9 uncorrected distance visual acuity

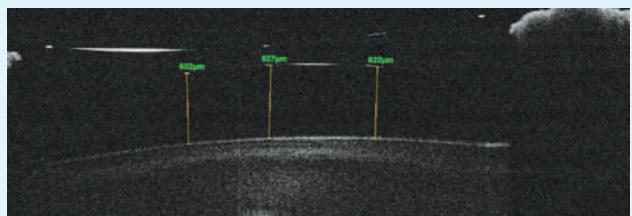
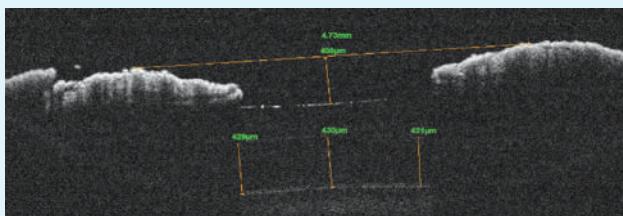


Refraction

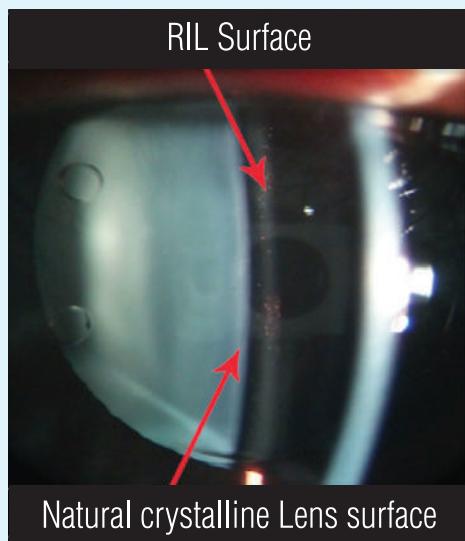
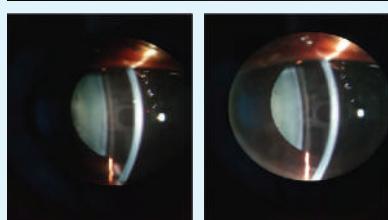
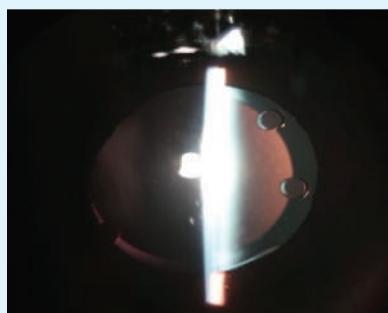
RIL post-op results shows ± 0.25 residual error in 88% of patients & ± 0.5 residual error in 12% of patients



OCT image shows RILVaulting range : between the 429 microns to 627 microns



Post Operative Image



SPECIFICATION - RIL PHAKIC IOL

Material	Hydrophilic 26%
Optic Size	4.50 mm to 5.75mm
Overall Size	11.50 mm to 14.00 mm _(0.25 step)
Refractive Index	1.460
Diopter Range	-24.0D to +24.0D
Implantation Site	Posterior Chamber
Sterilization	Steam



SPECIFICATION - RIL PHAKIC TORIC IOL

Material	Hydrophilic 26%
Optic Size	4.50 mm to 5.75mm
Overall Size	11.50 mm to 14.00 mm _(0.25 step)
Refractive Index	1.460
Diopter Range	-24.0D to +24.0D
Cylinder Power Range	-1.0 D to -10.0 D
Implantation Site	Posterior Chamber
Sterilization	Steam



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