

Research Areas of Interest

We welcome IIT proposals in the following areas of interest.



	<i>Scientific and medical gaps that need to be addressed</i>
Trifocal IOLS	Do trifocal IOLs provide spectacle independence
	What are the patient reported satisfaction and lifestyle benefits with trifocal IOLs
	Do trifocal IOLs provide a better range of vision vs other MF IOLs
	What preoperative /surgical factors influence trifocal IOL success?
	Do trifocal IOLs provide a better range of vision and better binocular stereoacuity vs. monovision with monofocal IOLs
	Do trifocal IOLs make it easier/provide time savings with respect to pre-op patient education/IOL selection and post-op patient satisfaction management?
	Which trifocal IOLs provide the best near and intermediate reading capability in mesopic lighting condition?

	<i>Scientific and medical gaps that need to be addressed</i>
ReSTOR®	Does ReSTOR® +2.5 mini-mono vision provide enhanced range of vision with uncompromised distance vision and comparable visual disturbance vs. bilateral ReSTOR® +2.5 emetropia vision?
	Does ReSTOR® +2.5 mini-mono vision provide enhanced range of vision with uncompromised distance vision and comparable visual disturbance vs. Symphony™ mini-mono vision?

	<i>Scientific and medical gaps that need to be addressed</i>
Femtosecond Laser-Assisted Cataract Surgery	Do femtosecond laser-created arcuate incisions enable surgeons to manage low levels of astigmatism better than a blade (i.e. manual LRI)?
	Do femtosecond laser-created capsulotomies improve IOL centration and therefore accuracy of refractive outcomes and quality of vision in Multifocal/Multifocal toric IOLs?

ORA®	Does ORA® increase the surgeon's ability to detect the need for toric IOLs intraoperatively when pre-op measurements show low levels of astigmatism?
	Are post-op refractive outcomes better when intra-op aberrometry is used in comparison to just using pre-op calculations with modern formulas: e.g. post-myopic and hyperopic LASIK treated eyes?

Contoura®	Does Phorcides (Lobanoff calculator) allow for more patients to be treated by Contoura® with equivalent outcomes?
	Does Contoura® provide superior quality of vision as compared with WVL WFO?
	Do patient reported outcomes improve postoperatively (3 to 12 months) improve with Contoura®?

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NGENUITY®	Does NGENUITY® contribute to better performance of vitreoretinal surgeries and improved patient safety?
Ultravit® Beveled Probe	Does Ultravit® Beveled Probe make it easier for surgeons to make a complete vitrectomy?