

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

MONOFOCAL IOLS

	<i>Scientific and medical gaps that need to be addressed</i>
CLAREON® and CLAREON Toric	Clareon & Clareon Toric refractive outcomes
	Clareon Toric rotational stability
	Analysis of axial stability, Optic tilt and Centration in small eye/ large eye sub-populations
	Clareon low toric (T2) clinical outcomes
	Clareon & Clareon Toric tolerance to residual astigmatism/ residual refractive error
	Clareon & Clareon toric mini monovision
	Depth of focus/ Defocus curve
	Clareon & Clareon toric with ORA/ VERION in post refractive surgery and small / large eyes sub-populations
	IOL handling, bag placement, rotation, need of re-positioning
	Patient's QoL regarding tolerance and spectacle independence
	Acrysof / Acrysof Toric
Mini monovision	
ULTRASERT	Ultrasert ease of use and OR time efficiency
	Surgical induced astigmatism, wound architecture, enlargement of corneal incisions and wound healing vs competitor pre-loaded devices
Autonome	Autonome ease of use and OR time efficiency
	AutonoMe vs competitor pre-loaded wound stretch & SIA
Monarch IV	Monarch IV performance consistency

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

NON-DIFFRACTIVE PRESBYOPIA CORRECTING IOLs

VIVITY®	<i>Scientific and medical gaps that need to be addressed</i>
	Comparison of visual disturbances using Vivity vs comparable IOL
	Comparison of Visual Acuity and defocus curves performance using Vivity vs comparable IOL
	What is the performance of Vivity IOL in populations that are not candidates for diffractive technology
	Tolerance to tilt and decentration (angle kappa)
	What are patient outcomes with Vivity Toric IOL?
	OSI Metric Straylight using Vivity IOL
	Night driving using Vivity IOL
	Reading Speed or other functional vision test with Vivity IOL
	Vivity RLE patients

MULTIFOCAL IOLs

Clareon PanOptix®	Comparison of refractive and visual outcomes, and visual disturbances of PanOptix vs equivalent competitor lens in the market for which such comparison haven't been published yet
	Clinical comparison vs comparable IOL not yet studied
	Tolerance to residual astigmatism/residual refractive error
	PanOptix Toric rotational stability
	Tolerance to tilt/decentration (angle kappa)
	Reading speed or other functional tests

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

CATARACT EQUIPMENT

	<i>Scientific and medical gaps that need to be addressed</i>
Hybrid Tip	Does the Centurion Hybrid tip provide comparable cutting efficiency in moderate to grade 4 cataracts compared to traditional tips?
	Demonstrate non-inferiority in efficiency (at least) of Hybrid Tips vs comparable tips by showing reduced posterior capsule rupture
Active SENTRY®	Demonstrate that Active Sentry ensures less damage on optical nerve versus main comparable equipment from other manufacturer
	Explore inflammatory biomarkers change when using Active Sentry vs comparable equipment from other manufacturer
LEGION™	Comparison of cataract surgery efficiency using LEGION (total case time, phaco time, BSS volume) versus comparable phaco equipment
	Surgeon experience data when performing the cataract surgery with LEGION (e.g. chamber stability data)

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

DIAGNOSTICS

ARGOS® BIOMETER	<i>Scientific and medical gaps that need to be addressed</i>
	How do refractive outcomes with the Argos Biometer with image guidance by Alcon when using modern formula (e.g Barrett True K or Barrett II) that account for PCA compare to IOL Master 700 with TK ?
	What are the refractive outcomes with the Argos Biometer with image guidance by Alcon in long and short eyes compared to biometers from other manufacturers?
	What are the acquisition rate and refractive outcomes with the Argos Biometer with image guidance by Alcon in dense nuclear sclerosis compared to biometers from other manufacturers?
	Demonstrated the reduced need for manual or ultrasound a-scans when using Argos
	Demonstrate the precision improvement and astigmatic refractive outcomes improvements when using integrated image guidance system compared to manual marking

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

VISUALISATION

	<i>Scientific and medical gaps that need to be addressed</i>
NGENUITY®	Posterior segment: Data on patients with retinal detachment, analysis of surgery time, complications, re-operation rate, VA etc.
	Anterior segment: Observational evaluation of 3D (depth of field, magnification), surgical outcomes improvement for challenging cases, improved ergonomics and teaching capabilities when using NGenuity Patients with DMEK surgery, equal groups, analysis of surgery time, complications, re-bubbling rate, VA, corneal clearance, ECD etc.
	How does NGenuity with Datafusion compare to analog microscope in an academic/resident setting assessing efficiency of learning surgical skills in retinal and anterior segment procedure-?
	How is visualization impacted with color channel optimization of mature cataracts, cortical cataracts, etc. on NGenuity compared to analog microscope?
	Does NGenuity help to reduce symptoms and impact of dry eye over the course of a long OR day for the surgeon compared to analog microscope?

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

VITRORETINAL SURGERY

	<i>Scientific and medical gaps that need to be addressed</i>
HYPERVIT®	Demonstrate improved intra-operative and post-operative complications such as iatrogenic breaks with HyperVit compared to previous generation probes
	Demonstrate greater precision with HyperVit when working near tissue (compared to previous generation probes)
	Demonstrate more efficient core vitrectomy with HyperVit compared to previous generation probes
Advanced ULTRAVIT®	Demonstrate improved intraoperative or postoperative complications with advanced UltraVit such as reduced iatrogenic breaks (compared to previous generation probes)
	Demonstrate greater precision when working near tissues with Advanced UltraVit compared to previous generation probes
	Demonstrate more efficient Core vitrectomy with Advanced UltraVit compared to previous generation probes
GRIESHABER INSTRUMENTS	Demonstrate greater precision and less trauma during ILM peel with Sharskin vs current forceps
	Demonstrate improved precision and control with Reflex resulting in less trauma compared to current standard
	Demonstrate improved ergonomics with Reflex compared to current handles

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

REFRACTIVE SURGERY

	<i>Scientific and medical gaps that need to be addressed</i>
STREAMLIGHT™	Demonstrate long term outcomes of Streamlight
CONTOURA	Clinical outcomes of Contoura vs other laser vision correction (LVC) procedures
	Post-surgical visual recovery between Contoura Vision vs other laser vision correction (LVC) procedures.

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

VISION CARE

	<i>Scientific and medical gaps that need to be addressed</i>
PRECISION1®	Comparing comfort and preference of PRECISION 1 Sphere daily disposable contact lenses vs other silicone hydrogel contact lenses in groups of habitual wearers/new wearers
	Does PRECISION 1 Toric contact lenses provide better functional vision (particularly digital device tasks) than spherical equivalent contact lenses?
TOTAL30®	Showing performance of Total 30 by simulating extreme environmental conditions vs control (dry, windy etc)
	Showing end of day (16 hours) performance of Total 30 vs control
	Comparative studies on comfort and vision with habitual monthly contact lens wearers

Research Areas of Interest – EMEA

We welcome IIT proposals in the following areas of interest

DRY EYE and OCULAR HEALTH

	<i>Scientific and medical gaps that need to be addressed</i>
SYSTANE® Complete	Effectiveness comparison of lipid containing eye drops for different type of dry eye patients (mild-severe, aqueous deficient-evaporative-mixed).
	Inflammatory response changes and rates with Systane Complete vs control.
SYSTANE Hydration	What should be the ideal dry eye management for any ocular intervention (ocular surgeries, intraocular injections etc...)?
	What should be the approach for post-op wound healing? What approach to take after wound healing is completed but dry eye symptoms remain?
SYSTANE Complete or SYSTANE Balance	Does lipid based lubricating eye drops improve meibomian gland scores? (mechanical therapeutic effect – based on “lipid content may unclog meibomian glands” hypothesis)
SYSTANE Family of Products and General Topics	Does lubricating eye drops increase task concentration time or impact task (visual task) efficiency in VDT users?
	Psychological improvement due to dry eye management with a Systane family of product (perception of self-worth, interest in activities, socialization, depression, attitude, etc...)
	How blink rate differs between individuals doing different tasks / different occupations? And how does it impact ocular surface / dry eye type?
	Real world evidence on self diagnosed dry eye and chosen treatment modalities (and their effectiveness)
	Does using nighttime lubricating eye drops improve early morning dry eye symptoms, quality of life, quality of sleep, etc...?