

# Product Catalogue



# Bringing greater vision to everyone

## Introduction

Spectrum launched as an independent ophthalmic provider in 1987. We specialise in sourcing, developing and bringing the best ophthalmic products, technologies and services to the market. We're known for our superior quality and unrelenting passion for advancing ophthalmic technology.

Inspired by revolutionary innovations and technological advances, we've created networks to support surgeons and clinics with cutting-edge ophthalmic products and solutions. We offer the precision products needed to treat impaired vision and diseases of the eye.

Today, Spectrum is part of AddLife. AddLife is an independent European provider in life science that offers high quality products, services and consulting to both the private and public sectors. AddLife has 2,200 employees in around 85 operating subsidiaries, which operate under their own brands. The Group has annual sales of approximately SEK 9 billion. AddLife is listed on the Nasdaq Stockholm stock exchange.

## Servicing, Support and Finance

We realise that your ophthalmic equipment is an essential tool in helping you deliver a first class service to your patients.

We understand your day-to-day clinical needs and work with you as your requirements evolve and as innovation comes to the market.

### Support comes in a variety of ways, including;

- Dedicated Hospital Business Managers provide a single point of contact with an ability to understand your needs and deliver tailored solutions
- Ongoing training and educational events
- Access to new and cutting edge technologies
- A single administrative point of contact to deal with all orders, lead times, toric calculations and any other queries
- Sale or return facility to ensure that you have backup "specialist" lenses
- An actively managed consignment stock facility for monofocal IOLs, audited quarterly
- Multiple finance options to ensure your NHS/private practice has the best equipment including; extended credit facility, rental options, managed service contracts, capital spread across consumables, leasing and hire purchase





# Contents

|                                   |    |
|-----------------------------------|----|
| IOLs<br>Monofocal<br>Premium IOLs | 04 |
|-----------------------------------|----|

|                     |    |
|---------------------|----|
| Clean Air Solutions | 19 |
|---------------------|----|

|                         |    |
|-------------------------|----|
| Dynamic Operating Chair | 22 |
|-------------------------|----|

|                                       |    |
|---------------------------------------|----|
| Surgical Instruments<br>& Consumables | 24 |
|---------------------------------------|----|





IOLs



# Monofocal



## HOYA Vivinex™

The glistening-free hydrophobic Vivinex IOL provides unprecedented clarity of vision.

- Fully preloaded 100% hydrophobic aspheric 1 piece IOL
- Simple and easy implantation into the capsular bag
- MICS 2.0mm incision
- Glistening-free hydrophobic acrylic IOL material<sup>1,2</sup>
- Proprietary aspheric optic design for improved image quality<sup>3</sup>
- Active oxygen processing treatment and sharp optic edge to reduce PCO<sup>2</sup>
- Available in the preloaded iSert or multiSert injector systems

1 Tandogan, T. et al. (2021): In-vitro glistening formation in six different foldable hydrophobic intraocular lenses. In BMC Ophthalmol 21, 126.

2 HOYA data on file. DoF-CTM-21-002, HOYA Medical Singapore Pte. Ltd, 2021.

3 Pérez-Merino, P.; Marcos, S. (2018): Effect of intraocular lens decentration on image quality tested in a custom model eye. In: Journal of cataract and refractive surgery 44 (7), p. 889–896.



## HOYA Vivinex™ Toric

The glistening-free hydrophobic Vivinex Toric IOL offers unprecedented clarity of vision and outstanding rotational stability.

- Glistening-free hydrophobic acrylic IOL material<sup>1,3</sup>
- Proprietary aspheric optic design for improved image quality<sup>2</sup>
- Active oxygen processing treatment and sharp optic edge to reduce PCO<sup>3</sup>
- Outstanding rotational stability<sup>4</sup>
- Median rotation 1.1° (range: 0.0° – 5.0°)<sup>4</sup>
- 100% of lenses (n=103) had 5° of rotation from their initial axis at end of surgery through all follow up visits at 1 hour, 1 week and 6 months<sup>4</sup>
- Available in the preloaded iSert or multiSert injector systems

1 Glistening-free per Miyata scale; study result of the David J Apple International Laboratory for Ocular Pathology, University Hospital Heidelberg. Report on file.

2 Pérez-Merino P, Marcos S. Effect of intraocular lens decentration on image quality tested in a custom model eye. J Cataract Refract Surg. 2018;44(7):889–896.

3 Data on File of Study PHIV-101-SP2: Clinical Evaluation of the HOYA Vivinex IOL (2018).

4 Scharfmueller D, Schriefl S, Schwarzenbacher L, Leydolt C, Menapace R. True rotational stability of a single-piece hydrophobic intraocular lens. Br J Ophthalmol. 2018 Apr 17. pii: bjophthalmol-2017-311797. doi: 10.1136/bjophthalmol-2017-311797.



# Monofocal



## HOYA iSert™ injector

Simple, fast, predictable

- A prospective, multicentre, observational study across 7 countries found iSert easy to use.<sup>1</sup>
- 98% found it easy to prepare and 92% found it easy to use!

### Are you looking for predictable results?

Designed to support one-step implantation. In a human trial comparing IOL delivery systems, none of the iSert 250 cases required additional manipulation with a secondary instrument (vs up to 32% of cases with manually loaded IOL delivery systems).<sup>2</sup>



### iSert® is faster than manually loaded IOL delivery systems

On average, iSert® delivers the IOL in just 22.0 s, comparing favorably with 32.3 s – 43.2 s for manually loaded IOL systems.<sup>1</sup>

1. HOYA post-market clinical follow-up study evaluating safety and performance of HOYA IOLs in routine practice. HOYA Data on file.

2. Chung B, et al. Preloaded and non-preloaded intraocular lens delivery system and characteristics: human and porcine eyes trial. Int J Ophthalmol 2018;11:6–11.





## HOYA multiSert™ injector

Consistent control at your fingertips with Vivinex multiSert

- Push and screw mode with ability to control insertion depth
- A 4-in-1 delivery system that allows you to achieve outstanding delivery consistency with your choice of injection and insertion style.<sup>1</sup>
- Choice is in your hands: Have the freedom to decide the delivery method that works best for you, either delivery into capsular bag or through incision wound tunnel using the insert shield.
- High user satisfaction: Surgeons rate usability of Vivinex multiSert very high<sup>1</sup>

**Have the freedom to decide the delivery method that works best for you**



**Delivery into capsular bag**

Insert shield:  
Default position



**Delivery through incision wound tunnel**

Insert shield:  
Advanced position

1. Usability and acceptability evaluation of the multiSert injector system, HOYA data on file DoF-SERT-102-MULT-03052018 (2018).

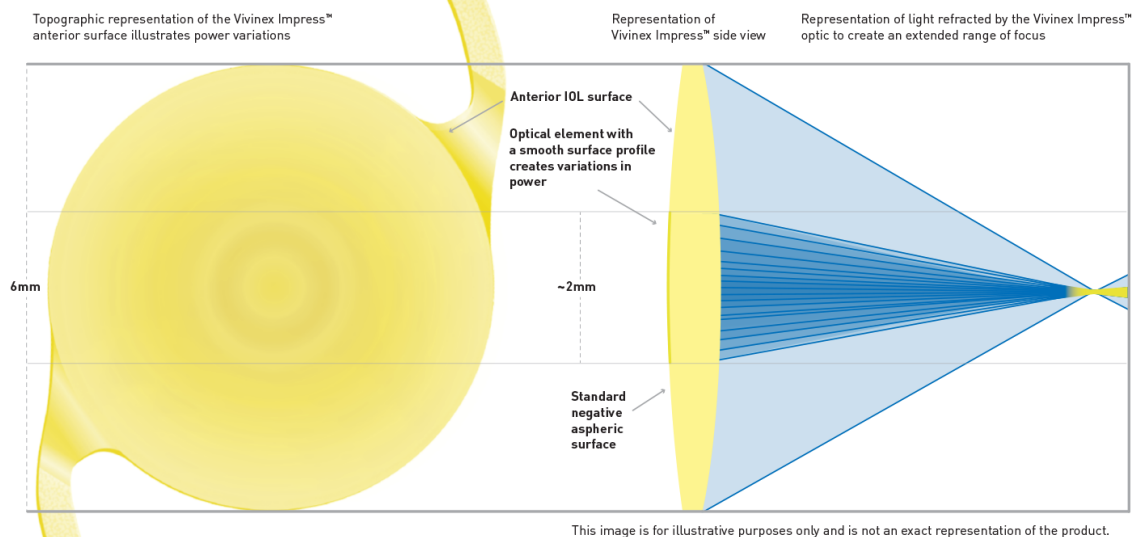


# Monofocal



## HOYA Vivinex™ Impress™

- Offers clarity of vision for patients with cataract
- Monofocal IOL designed to provide enhanced image quality with a wider range of focus
- Provides the same best-corrected mean distance acuity as a standard monofocal aspheric IOL<sup>2</sup>
- Vivinex Impress improves intermediate visual acuity at 66 cm (-1.5 D defocus) by more than 1 line<sup>2</sup>
- Available in the multiSert preloaded injector



The central optical element creates variations in power that provide an extended range of focus and improved intermediate vision. Vivinex Impress™ looks the same as a standard monofocal IOL.<sup>2</sup>

1 Data on file, DoF-SERT-102-MULT-03052018, HOYA Medical Singapore Pte. Ltd, 2018.  
2 HOYA data on file. CTM-23-PO105, HOYA Medical Singapore, Pte. Ltd, 2023



# Monofocal

ophtec

**Toric  
Version**  
available



## Ophtec Artisan®

The #1 backup lens in complicated cataract cases.

Based on the long-term experience of Iris Fixation, the Artisan Aphakia IOL is a predictable, safe, high precision implant, that corrects the eye when it is not correctable by other means.

- Iris fixation
- One size fits all
- Long term clinical experience
- Predictable, stable, reliable
- Also fit for retro pupillary fixation

**Also available Ophtec Toric Artisan and phakic Artisan for Myopia and Hyperopia**

Custom Made IOLs. Contact your representative for specific powers and more information.

**"I routinely use Artisan iris claw IOL as a safe and effective treatment for challenging cases of Aphakia without capsular support."**

**Mr Nick Kopsachilis**

Consultant Ophthalmic Surgeon, East Kent NHS trust



# Premium IOLs



**"While EDOF lenses are commonly subjected to confusion, the non diffractive ELON by MediCentur provides real EDOF performance with particularly good distance and intermediate vision, which is highly welcomed by patients with an active lifestyle. More over, near vision performance exceeds our expectations."**

**Prof. Sathish Srinivasan MBBS**  
FRCS(ED), FRCOPHTH, FACS, United Kingdom

## ELON

The ELON, **EDOF** optic lens with extended depth of focus provides high-quality vision empowered by Wavefront Linking Technology.

Available in preloaded version through the POB-MA fully preloaded unique injection system.

- **Wavefront Linking**

Central concentric refractive zones varying in curvature linked by specially designed linking zones. Continuous light energy is distributed along the optical axis with connected focal points, delivering singular elongated focus across the entire range of vision.

- **Bi-Flex Platform**

The ELON lens is equipped with the proprietary Bi-Flex design for long-term stability and centration. The large contact angle between the lens haptics and the capsular bag wall ensures long-term stability and visual comfort.

- **Hydrophobic Material**

SEMTE hydrophobic copolymer material, ensuring high uveal biocompatibility and low levels of glistening.

- **Excellent visual quality**

The lens provides excellent contrast sensitivity along the whole defocus range.

- **Presbyopia correction**

Preliminary clinical experience suggests that ELON can be used in presbyopia correction in patients with mild ocular pathologies or previous ocular surgeries.

- **Continuous range of vision**

Patients can lead an active lifestyle independent of spectacles. ELON delivers high-quality vision for far and intermediate distances. Glasses may be required for near vision.



# Premium IOLs



**Toric  
Version**  
available



## Liberty

Liberty is the most balanced **Trifocal** IOL, with 7 rings for superior contrast sensitivity, which equates to spectacle independence without the compromise of reduced image quality or visual acuity at near and far distances.

Clinical evidence shows excellent far, near and good intermediate vision.

Elevated Phase Shift (EPS) technology uses only 7 rings within a 3mm diameter, leaving 75% of the IOL optic refractive.

### Less Diffractive Steps

The difference in light scattering and energy loss of the Liberty IOL improves vision by:

- Higher Contrast Sensitivity
- Less Halos & Glare

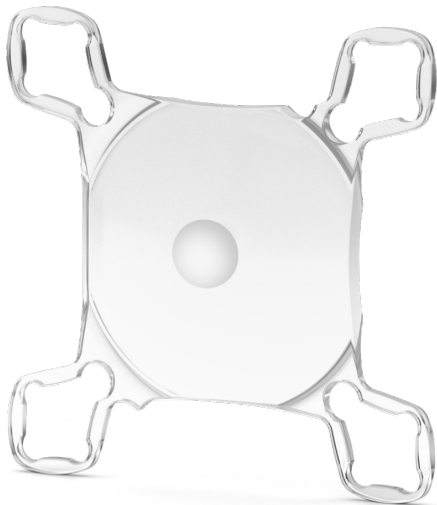
### 7 steps to Trifocal perfection

Liberty provides the highest light distribution:

- 1) AT NEAR in photopic conditions
- 2) AT FAR in scotopic conditions
- 3) Leaving an optimal amount of light energy for INTERMEDIATE vision



# Premium IOLs



## SML

### THE MAGNIFIER IN THE EYE

#### **A new option for patients with dry macular degeneration.**

SML is a bifocal Add-On IOL with a specifically designed central optic area providing high addition power of +10D, developed by Prof. Gabor B. Scharioth.

Intended for monocular implantation in the better-seeing eye, without affecting distance vision or visual field.

#### **An option for patients with dry AMD**

SML targets solely pseudophakic patients with advanced DRY AMD. It offers them a convenient, simple and safe solution to restore their near vision impaired by AMD. It may also be helpful for patients with other macular diseases, e.g. myopic maculopathy, diabetic maculopathy or hereditary retinal diseases.

#### **SML advantages:**

- Easy and safe surgery
- Distance vision not affected
- Visual field not affected
- May be implanted in pseudophakic or in patients or those who are candidates for cataract surgery
- Affordable (significantly lower cost)
- May be implanted in single-eyed patients
- Reversible
- SML is potentially suitable for a large percentage of eye surgeons. With no learning curve, extensive training isn't required.



**Toric  
Version**  
available



**"Based on the reliable stability of the AddOn Trifocal lens, I use it often in clinical practice for increasing my options for refractive upgrades or correction."**

**Prof. Sathish Srinivasan MBBS**

FRCSED, FRCOPHTH, FACS, United Kingdom

## AddOn®

Fine-tuned Visual Correction, AddOn may be used for correction of spherical refractive errors, presbyopia and astigmatism. The AddOn is implanted into the sulcus in addition to the capsular-bag fixated basis IOL. It is compatible with common capsular-bag IOLs, irrespective of design or material.

### Spectrum of functional correction with the AddOn

Depending on patient indication and visual comfort, AddOn allows correction or enhancement of visual functions;

- AddOn refractive – Distant Function
- AddOn trifocal – Distant, Intermediate and Near function
- AddOn toric – Distant and Imaging function
- AddOn trifocal toric – Distant, Intermediate, Near and imaging function

AddOn benefits:

- Extensive range of refractive corrections
- Safe procedure due to a technology proven over many years
- Standardised implantation
- Non-traumatic ways of corrective measures
- Safe and reversible
- Independent of the lens status with the pseudophakic eye
- Option of implantation in one procedure or two subsequent procedures
- Suitable for eyes with silicone oil tamponade or previous keratoplasty

### AddOn range:

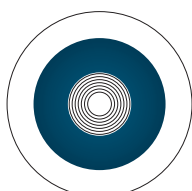
AddOn refractive, AddOn Trifocal, AddOn Toric and AddOn Trifocal Toric.



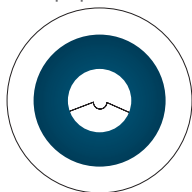
# Premium IOLs



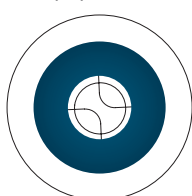
Centred IOLs



Approx. 4 mm  
pupil size

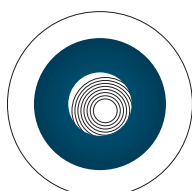


Approx. 4 mm  
pupil size

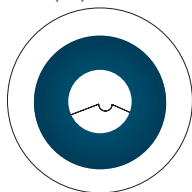


**Precizon  
Presbyopic**  
Approx. 4 mm  
pupil size

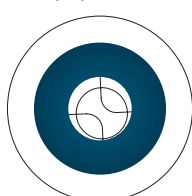
Decentred IOLs



Approx. 4 mm  
pupil size



Approx. 4 mm  
pupil size



**Precizon  
Presbyopic**  
Approx. 4 mm  
pupil size

**"The Precizon lenses offer a superior alternative to standard multifocal lenses as the patients are not reporting haloes and are spectacle free with very good vision – last patient seen yesterday at 6 weeks had 6/5 both eyes for distance and reading N5 unaided at 6 weeks!"**

**Pieter Gouws**

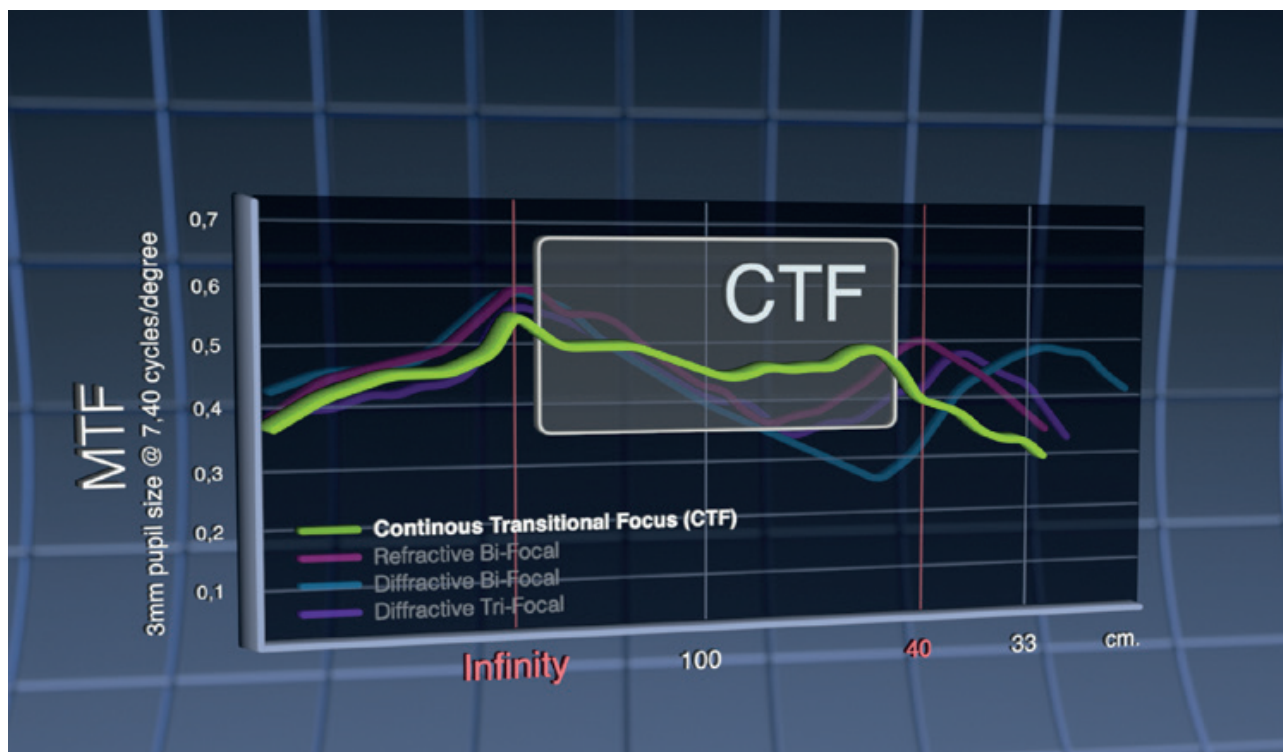
Consultant Ophthalmologist Spire Sussex Hospital

## Ophtec Precizon Presbyopic NVA

Precizon Presbyopic is a hybrid, acrylic IOL designed to correct Presbyopia and Astigmatism. This lens has a broad central zone. The visual axis passes through the wider central segment avoiding visual disturbances by the Kappa Angle.

- Natural vision at all distances**  
 The CTF aspheric surface forms a broad beam of light, a zone with an enhanced depth of focus with uninterrupted high-quality images for the brain to translate into clear vision at all distances.
- Tolerance of misalignment**  
 In a significant percentage of cases, IOLs tend to rotate a few degrees before they stabilise. This leads to a loss of quality of vision in regular toric IOLs. The TCT optic however is designed to be more forgiving to decentration with less loss of quality of vision.
- Reducing Glare & Halos**  
 Using segments instead of concentric rings reduces photonic phenomena, allowing patients to adapt more naturally to their new vision.
- Continuous Transitional Focus (CTF)**  
 For the correction of presbyopia, this lens has a multiple segments optic. A CTF optic has an anterior surface with multiple segments for far and near achieving smooth transition between the segments.  
  
 This transition offers a constant defocus between the two sharp focal points, delivering excellent intermediate vision.
- Transitional Conic Toric (TCT)**  
 A TCT optic is the foundation of the multifocal segments. A TCT optic is tolerant of misalignment because different conic constants are calculated. Not only on the horizontal and vertical axis, but also between 0° and 90° degrees.
- Patented TCT and CTF technology**  
 The patented TCT and CTF technology sets the Precizon Presbyopic Toric IOL apart from other toric presbyopic corrective IOLs on the market.

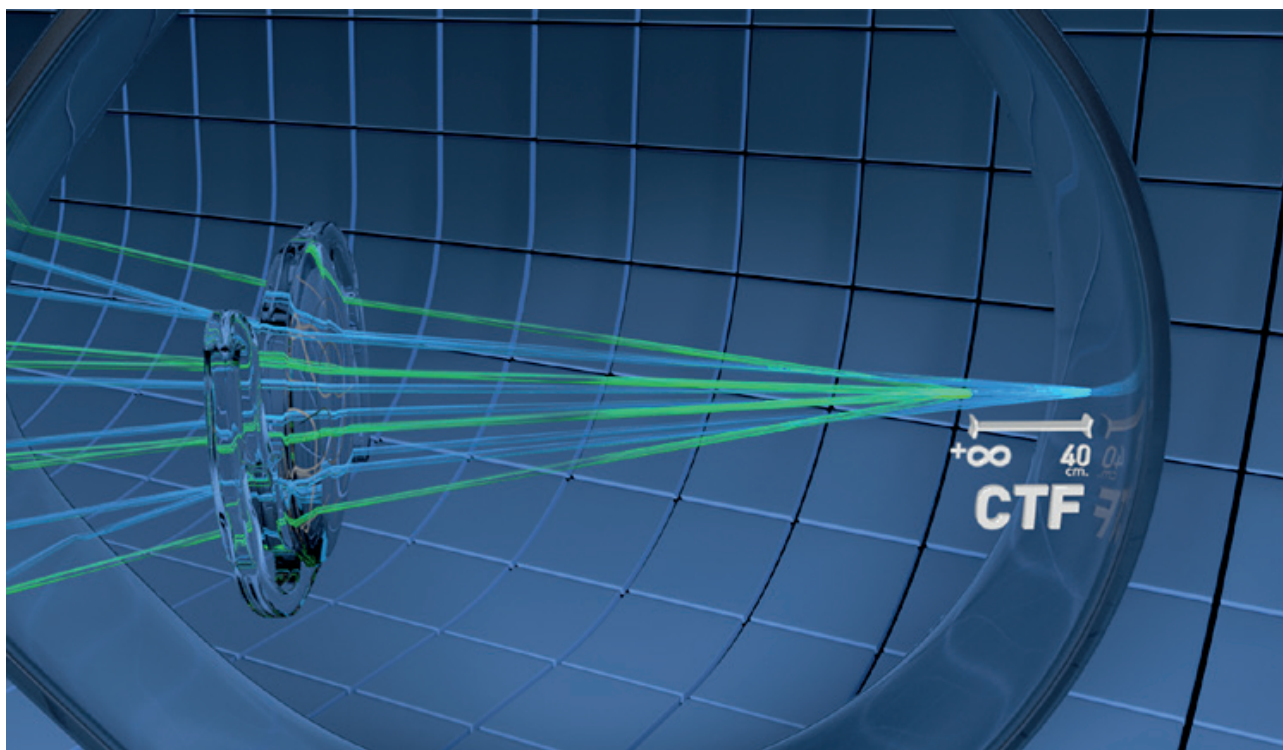




Through-focus modulation transfer function of four presbyopia-correcting intraocular lenses with 3.0 mm pupil size. Modulation transfer function was calculated at 7.40 cycles/degree. Data on file – courtesy of Dr. Joo, south Korea.

**"I have just started to use this lens which is looking very promising."**

**Professor Parwez Hossain**  
Southampton Eye Unit





# Premium IOLs



**Toric  
Version**  
available



## Ophtec ArtiFlex IOLs

Iris fixated phakic intra ocular lenses.

- For the correction of refractive errors, providing patients with high quality vision and reducing or avoiding the need for glasses or contact lenses
- Proven to be one of the world's safest, most effective IOL designs, with the broadest applications of any IOL – phakic, secondary/aphakic and trauma

**Models include:** Artiflex Myopia, Artiflex Toric, Artisan Hyperopia, Artisan Myopia, Artisan Toric



## Ophtec Precizon Toric 565

**Treat astigmatism with confidence!**

Precizon Toric is a hydrophilic acrylic, toric IOL, designed to be more tolerant of misalignment.

- Only toric available with Aspherical Cylinder and Sphere
- Pupil independence<sup>5</sup>
- Enhanced Tolerance of misalignment<sup>6</sup>
- Proven stability<sup>7</sup>
- Injectable via 2.2mm incision

**"Precizon toric gives excellent refractive outcomes with no need to re-dial."**

**Professor Parwez Hossain**  
Southampton Eye Unit

1 Glistening-free per Miyata scale; study result of the David J Apple International Laboratory for Ocular Pathology, University Hospital Heidelberg. Report on file.

2 Pérez-Merino P, Marcos S. Effect of intraocular lens decentration on image quality tested in a custom model eye. J Cataract Refract Surg. 2018;44(7):889–896.

3 Data on File of Study PHIV-101-SP2: Clinical Evaluation of the HOYA Vivinex IOL (2018).

4 Schartmüller D, Schriefl S, Schwarzenbacher L, Leydolt C, Menapace R. True rotational stability of a single-piece hydrophobic intraocular lens.

Br J Ophthalmol. 2018 Apr 17; pii: bjophthalmol-2017-311797. doi: 10.1136/bjophthalmol-2017-311797.

5 Bench study Kim MJ, Yoo YS, Joo CK, Yoon G; (J Cataract Refractive Surg. 2015;41(10):2274–2282).

6 Data on File – study report Dr Erik Mertens, ESCRS 2014.

7 Vale C, Menezes C, Firmino-Machado J, Rodrigues P, Lume M, Tenedório P, Menéres P, Brochado MC; (Clinical Ophthalmology 19, January 2016).

This product is not available in the US.



# Premium IOLs



**Toric  
Version**  
available

**"Combining the widest customisable power range and optic styles with a simple and elegant loading mechanism, making it a very easy decision to make the IPCL my preferred lens choice for phakic lens surgery."**

**Mr Rakesh Jayaswal**

Consultant Ophthalmic Surgeon at Laservision UK

## IPCL V2

Implantable Phakic Contact Lens to correct Myopia, Hypermetropia, Astigmatism and Presbyopia.

- Injectable via a 2.8mm sub-incision
- Range +15D to -30D with Cylinder upto +10D
- Ideal for young patients who require refractive correction
- Suitable for patients who are not suitable for Lasik or Lasek
- No dry eye
- Reversible
- Preserves accommodation
- Central hole designed to avoid visual disturbances
- New spring haptic pad design provides excellent WTW positioning
- Smart Toric design requires no axis marking
- Any customisation is possible
- Retains corneal asphericity
- Made from hybrid acrylic material
- Porcine free



**Toric  
Version**  
available

## IPCL V2 Presbyopic

- A solution for your young presbyopic patients who would like to be spectacle free
- Customised calculation and support for you and your patient
- The lens has a patented refractive-diffractive trifocal design, ensuring good vision at far, intermediate and near
- The choice of different near-vision additions based on the accommodation capacity of the crystalline lens and patient age is possible
- Add for Presbyopia up to +4D
- Easy to implant
- Fast recovery



# Premium IOLs



**Toric  
Version**  
available



Vivinex™ Gemetric™ Trifocal IOL, based on HOYA Surgical Optics' patented technology, is available in two designs that have complementary light distributions.

## HOYA Vivinex Gemetric & Gemetric Plus

Hoya's trifocal family of IOLs is designed to provide a full range of vision:

- Vivinex Gemetric – Is designed to provide excellent distance vision and well balanced intermediate and near vision.<sup>2</sup>
- Vivinex Gemetric Plus – Is designed to provide excellent near vision and well balanced distance and intermediate vision.<sup>2</sup>
- Both Vivinex Gemetric and Vivinex Gemetric Plus have a near add of 3.50 D and an intermediate add of 1.75 D
- Available in the multiSert preloaded injector

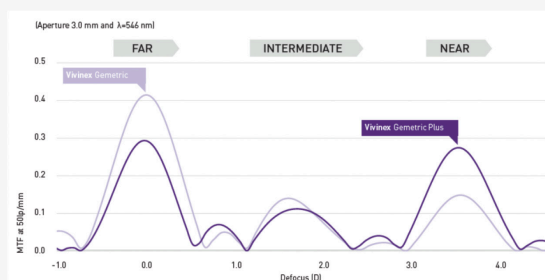


Figure 2. The complementary MTF curve of the Vivinex Gemetric and Vivinex Gemetric Plus IOLs.<sup>1</sup>

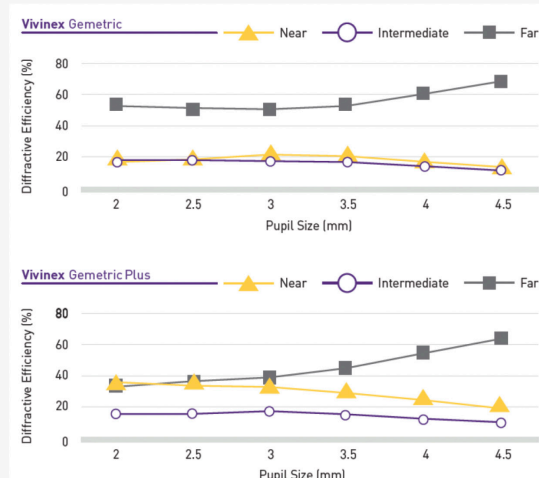


Figure 3. The light distribution profiles of the Vivinex Gemetric and Vivinex Gemetric Plus IOLs.<sup>1</sup>

1. Data on file. DoF-MKT-22-09, HOYA Surgical Optics. 2022.

2. HOYA data on file. CTM-23-029, HOYA Medical Singapore, Pte. Ltd, 2023.





# Clean Air Solutions

**"It is possible to establish a suitable environment for ophthalmic microsurgery within a clean draft free clinical room using a mobile surgical hood such as the SurgiCube."**

**OPHTHALMOLOGY SERVICE GUIDANCE:**  
Theatre Facilities And Equipment RCOphth February 2018





## SurgiCube®

### Think out-of-the-box – into the cube!

SurgiCube provides a localised, optimally filtered surgical environment for microsurgical procedures. The ultraclean airflow is blown directly onto the operating surface, using laminar downflow technique.

- Effective uni-directional flow
- No hindering contamination sources in the clean area
- Location independent
- Set up and validation in two days
- Suitable for all ophthalmic procedures under local anesthetics
- Cost efficient – fast return on investment and extremely low running costs
- Patient friendly – easy access and optimised client experience
- Used across the NHS and Private Groups including; Moorfields Eye Hospital, Royal Devon & Exeter NHS Trust and the Ramsay Group. For references please contact us.

**“This investment made by Ramsay UK in the hospital is a further significant milestone in increasing the responsiveness of Woodthorpe to the requirements of the local community and NHS Nottingham. Our capacity for cataract surgery has now more than doubled and will be invaluable to our GP’s and their patients. This helps to build our reputation for fast effective services. It also enables us to locate the service appropriately in the hospital estate to allow excellent pathways, reduced congestion in clinical areas and frees theatre capacity for other specialities to access.”**

**Mr Paul Scott**

Hospital Director at Ramsay Woodthorpe Hospital





## Toul IVT Sterile Unit

Toul Meditech Operio Sterile Air Unit – a smart alternative to keep your wound site sterile. Operio Mobile is a sterile air zone unit with an integrated foldable instrument tray, intended for use in the operating zone, which produces a directed, non-turbulent ultraclean airflow over the surgical site and/or sterile instruments.

The unit is easy to use and transport between operating rooms and/or preparation rooms.

- Operio Mobile can be used in all types of operating rooms and surgical preparation rooms, independent of ventilation system
- Perfect for IVT injections
- Can be used instead of an instrument table near the wound next to the patient saving valuable space
- Guarantees <5 cfu/m<sup>3</sup> air inside the sterile air zone



# Dynamic Operating Chair







## NovyMed DOC

The NovyMed DOC chair is an electrically adjustable and mobile operating chair intended for ophthalmology, ENT and plastic surgery procedures.

A unique product that is both an operating chair and table, developed specifically for the day surgery department saving time, eliminating manual handling and the risk of back injury to clinical personnel.

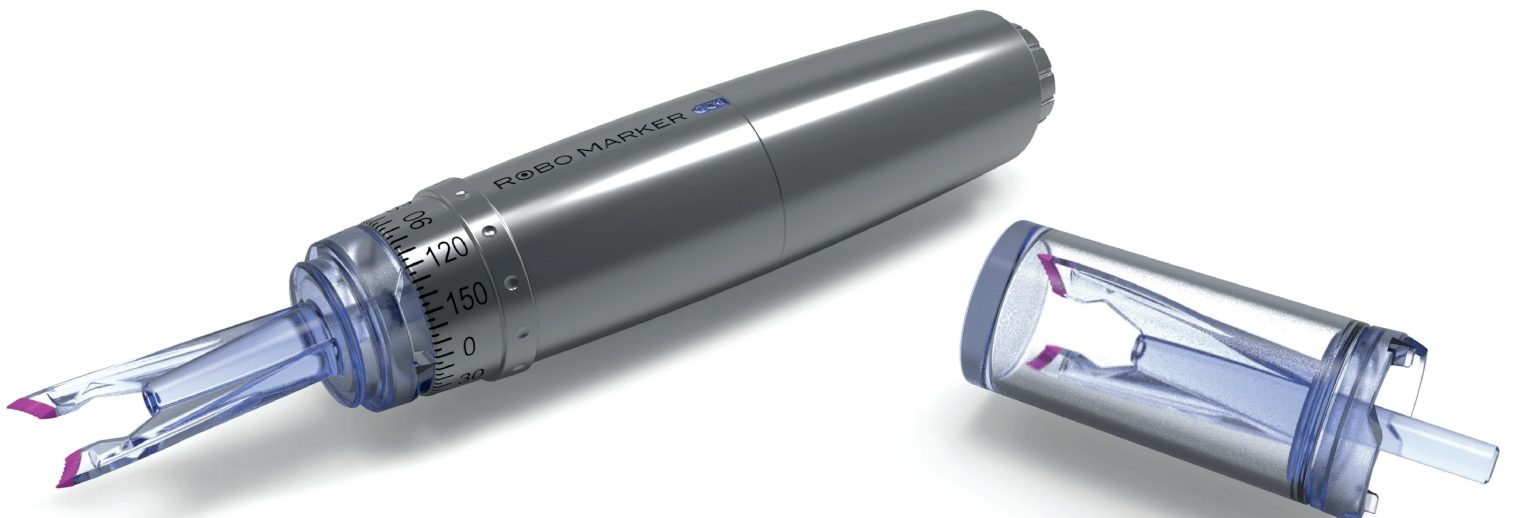
Leading in terms of safety, the NovyMed DOC offers many advantages, allows pre-op preparation, treatment and or surgery together with recovery. The patient stays in the DOC during the whole procedure, from admission, surgery to recovery.

### Benefits:

- The DOC eliminates the necessity for an additional bed or stretcher, saving clinical time and reducing capital investment.
- Transfer of the patient from a stretcher to the operating table becomes irrelevant.
- This unique system creates clinical efficiencies of between 40–50% using multiple DOC operating chairs.



# Surgical Instruments & Consumables



**"The Robomarker has become an indispensable tool for my Refractive lens practice. It allows accurate, convenient pre operative astigmatism marking for Toric lens patients without the expense of a digital system. It improves flow as the patient is marked immediately prior to surgery, and does not need imaging or a slit lamp exam."**

**MR DAMIAN LAKE**

Consultant Ophthalmologist, Corneal Lead, The Corneoplastic Unit, The Queen Victoria Hospital, East Grinstead



## Moria Instruments

Moria is known for its expertise in making ophthalmic microsurgical instruments.

- Reusable and disposable instrument range
- Custom made disposable packs
- Most popular cataract instruments
- Flat and round handle options
- Excellent quality and consistency
- High precision
- Made by Moria in France



### Reusable instruments for:

Cataract, Refractive, Corneal Graft, Retina, Oculoplasty, Glaucoma and Strabismus.

#### Includes:

Speculums, Forceps and Needle Holders, Scissors, Hooks and Spatulas, Cannulas, Corneal transplant, Toric markers etc.



### Single-Use instruments for:

IVT, Toric IOL positioning, Neonatology, Refractive Surgery and Keratoplasty.

#### Includes:

Speculums, Forceps and Needle Holders, Scissors, Hooks and Rings, Cannulas and Micro-Sponges.



### Corneal Graft instruments:

Redefining precision trephination for recipient and donor corneas.

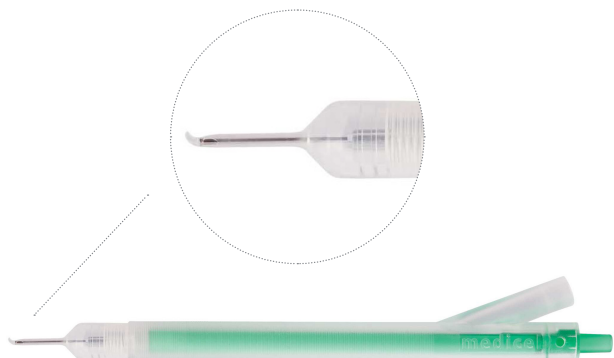
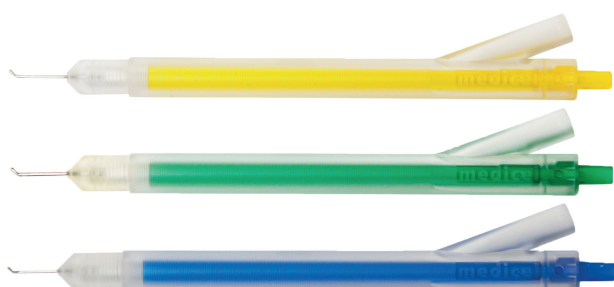
#### Includes:

Adjustable vacuum trephine, artificial chamber and corneal vacuum punch.



An extensive range of ophthalmic consumables are available at Spectrum including:

**Knives, fully customisable procedural packs, visco, cannulas, I/A, CTRs.**



## Medicel IA

Medicel offers a complete new range of single-use I/A handles. The new design responds to surgeons' demands to improve ergonomics and grip of I/A handles without compromising product quality.

- Exceptional grip for safe handling
- Cost-effective alternative
- Compatible with all phaco machines
- Single-use instruments
- Co-Axial Available in 20G / 21G / 23G & 45° / 65°
- Bi-Manual Available in 21G & 23G
- Soft-tip version available in 21G

## Medicel Soft Tip

For Ultra safe irrigation and aspiration during cataract surgery

- The silicone tip of Soft-Tip I/A can bend once pushed to the capsular bag. The visible bending tip indicates the contact with the capsular bag to the surgeon.
- The flexible silicone sleeve conforms to the wound size to seal the incision preventing leakage.

**"Metal tip I/A instruments belong to the past! Medicel's soft tip adds an extra layer of safety to surgery by eliminating the risk of capsular rupture from inadvertent aspiration of the capsule. It is the perfect substitute for all; from Simcoe fans to bimanual lovers!"**

**Zia Carrim**

VR Consultant at Leeds Teachings Hospitals and Founder of The Eye Clinic, Mauritius





## Quality ophthalmic knives

Excellent quality, extreme sharpness and user-friendly microsurgery knives for use in cataract and glaucoma surgery. Ultra-sharp blades are created through a chemical etching process which reduces resistance during surgery and contributes to post-surgical wound healing.

**We offer a wide variety of blade types and sizes to meet your needs, including:**

- Stab knife
- Crescent knife
- MVR knife
- Clear corneal knife
- Implant knife
- Slit knives – (parallel, triple cut, trapezoid)
- Sideport knife (trapezoid, straight, utility, asymmetry)
- Safety knife (stab, crescent, slit, clear corneal, MVR)





## MED Packs

**Fully customised single-use packs for any ophthalmic procedure.**

- Improve efficiency
- Save money
- Short production times
- Excellent delivery service

**Options available for:**

IVT, Phaco, Sub Tenon, Strabismus, Glaucoma, Chalazion and more.

**"The Spectrum packs have enhanced our surgical experience. These packs streamline preparation, ensuring efficiency and patient safety."**

**Lina Yordanova**  
Office Manager, My-iClinic



## Pe-Ha Visco® HPMC

Pe-Ha-Visco is a superior viscoelastic solution based on hydroxypropyl methylcellulose for intraocular use.

Available in two different concentrations and pack sizes, Pe-Ha Visco is used to replace the aqueous humour during intraocular procedures.

### Benefits:

- Easy to remove
- Isotonic solution
- No preservatives
- Easy to inject
- No inflammatory or immunological reactions
- Sterile (by steam)
- Single or bulk (box of 10 units) packaging\*
- CE certified

\*Sterile single-use syringe with 2.0 ml solution and single-use injection cannula, Luer-Lock adapter.





## Hurricane Cannulas

An extensive range of ophthalmic cannulas including: irrigation, hydrodissection, cortex removal, anaesthesia, IOL and nucleus manipulation, vitreoretinal, capsule polishing, refractive, capsulotomy and microsurgical accessories.



## Ophtec RingJect

Preloaded capsular tension ring (CTR) in a single use injector for the stabilisation of the capsular bag in the presence of weakened or compromised zonules.

- Easy to handle, one handed technique
- Total control: includes action/retraction mechanism
- Beveled tip for easy entry into the incision
- Long small tip: especially convenient in cases of deep set eyes
- Implantation clockwise or counter clockwise, indicators on injector

### Models available:

RingJect Model 375 compression from 12 to 10mm  
RingJect Model 376 compression from 13 to 11mm

**"I use CTRs routinely for my premium IOL patients as I believe this ensures good centration and prevents late movement from capsule contraction. In the rare occurrence that the lens needs to be explanted, it also facilitates surgery as the bag opens up very easily."**

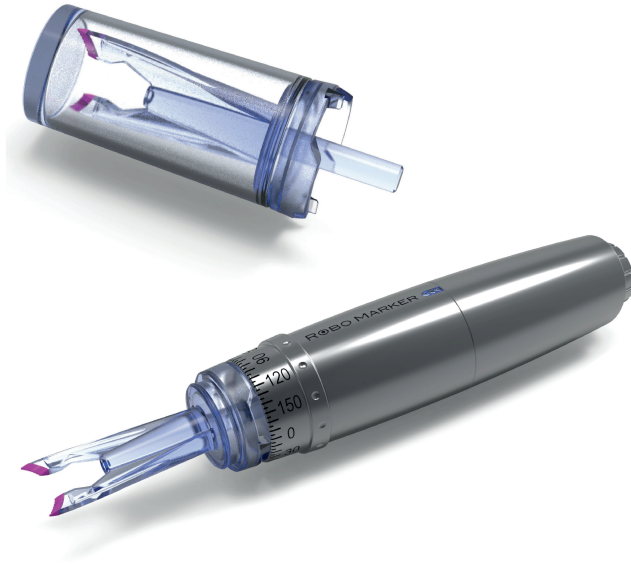
**I prefer Ophtec CTR because they are preloaded, relatively pliable out of injector so they insert without any additional tension on bag and they unhook without manipulation. Hence they add no significant time on for the surgical procedure."**

**Prof. S. Shah**

Birmingham & Midland Eye Centre, City Hospital, Birmingham



# SURGILUM ROBO MARKER



## Robomarker®

The RoboMarker System is the first and only corneal marker with a hidden pendular weight system balanced between two high precision ball bearings. Utilising a gravity-based system ensures that the RoboMarker ring dial maintains your chosen axis, allowing you to focus on marking the cornea rather than trying to keep the device level.

- Easy to use
- One-step marking process for efficiency and accuracy
- Self-levelling marker
- Integrated fixation light
- Pre-inked disposable tips
- Intuitive to use
- Infrared tips for FEMTO phakic
- Accuracy to 1 degree!

**"I have been privileged to use the Hoya monofocal, Precizon toric lenses and Robomarker with excellent outcomes. I have had superb, knowledgeable and dedicated support from Spectrum and in particular the local representative, who has provided detailed support regarding all the products I've used."**

**Mr Kash Qureshi**

Consultant Ophthalmologist, East Sussex NHS trust



### Used for Toric IOL Placement

Marks using the RoboMarker's dry formula last up to two hours and maintain clear, crisp lines. No autoclave wait and single step marking means a more efficient surgical day.



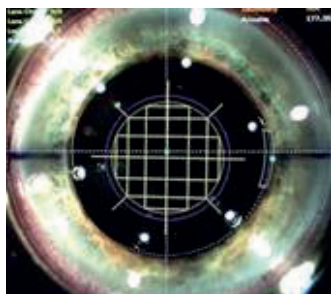
# SURGILUM ROBO-MARKER



## Robomarker® G2

The new and improved Robomarker G2 makes your pre-surgery markings more efficient and more comfortable for you and your patients.

- **Illuminated axis dial:** You can now trans-illuminate the axis dial with any colour you like for improved visibility in any lighting.
- **Larger handpiece:** 20% bigger compared to its predecessor, resulting in easier control over the device, better ergonomics and an easy to read axis dial.
- **Robotip G2:** The Robotip is improved with magnified optics and a Vernier line degree indicator. It also has multi-functional tips to easily convert from scleral to corneal positions to better address your marking needs.
- **Lasting marks:** When the pre-applied dry formula on the marking fins meets the corneal tear film, it leaves precise marks that will last up to two hours.
- **Integrated fixation light:** The integrated fixation light is the same fixation light used to measure corneal astigmatism. The Robomarker gives your patients a familiar focal point that is comfortable for your patients.



### Used for Femtosecond Laser Alignment

Premium results depend upon accurate marks. The RoboMarker's self-levelling high precision ball bearing based pendular mechanism ensures that your Femtosecond Laser is aligned properly for optimal surgical results.



# See what our customers say about our products...

"The Precizon lenses offer a superior alternative to standard multifocal lenses as the patients are not reporting haloes and are spectacle free with very good vision – last patient seen yesterday at 6 weeks had 6/5 both eyes for distance and reading N5 unaided at 6 weeks!"

## **PIETER GOUWS**

Consultant Ophthalmologist Spire Sussex Hospital



"I am delighted to have purchased a Surgicube, as it has allowed me to build a full function eye theatre in my clinic that gives better sterile conditions than a traditional theatre. It is easy to maintain and has been so useful that it has become the cornerstone of my practice."

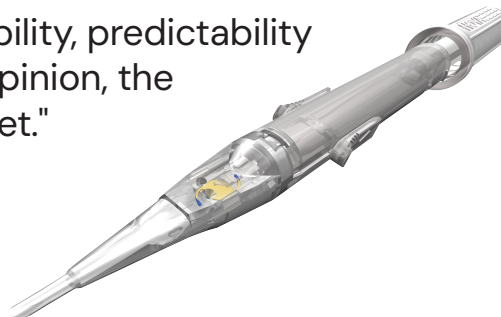
## **PROFESSOR ROBERT SCOTT**

Director, Scott Health Ltd

"I love the Hoya preloaded lens for its reliability, predictability and gentle opening within the eye. In my opinion, the preloaded injector is the best on the market."

## **MR ALI MEARZA MB BS FRCOPHTH**

Consultant Ophthalmic Surgeon & Director  
Ophthalmic Consultants of London



"I have just started to use this lens which is looking very promising."

## **PROFESSOR PARWEZ HOSSAIN**

Southampton Eye Unit



"The TOUL MOBILE OPERIO transformed our practice of cataract and lens surgery in 2020. As a result of local COVID measures, use of the ophthalmic operating theatre was impossible and we either had to leave people struggling with poor sight, or be innovative and act. We chose the latter.

The TOUL device allowed us to set up a safe, effective and relatively high-throughput cataract service in a standard NHS outpatient clean room.

This, combined with other innovative features of our pathway, led to many hundreds of cataract procedures being performed – with zero infective complications – along with very high patient satisfaction.

As a result of the success of our NHS project, we embraced the TOUL machine and purchased our own device for use in private cataract surgery, at the same time as some other private practices elsewhere in the UK. This provides us with the cleanest possible surgical field – better than standard operating theatres in many, many respects – and allowed us to resume private cataract surgery when the rest of the country was still closed for business.

From a scientific perspective, we need as a profession to remember that our historic obsessions with "airflow" and "changes" simply represent surrogate markers for air quality, which is far more important in reducing infection rates. With the TOUL, ultra-clean filtered air is directed over the surgical instruments and surgical field. In cataract and lens surgery, in many units such as our own, patients wear their own (clean) clothes and shoes into our procedure room and for the procedure; the TOUL allows clean air where it is needed, with clearly no need to try and provide sterile air to the rest of the patient. An additional benefit, a big advantage over conventional systems, is a new clean filter every time the machine is turned on. This gives me incredible peace-of-mind for my patients and surgical results. The device is compatible with the Royal College of Ophthalmologists guidelines, as a mobile laminar air flow device within a clean room setting."

**MR SIMON N MADGE**

Director, Consultant Eye Surgeon, Cataract, Lens & Eyelid Surgery







"We have done a number of Presbyopia correcting ICLs and the feedback is positively heartening. Since Optilase is an established LVC provider we are helping a number of patients who find themselves disqualified from Laser treatment as well as treating eligible plano presbyopes. So all in all, I am quite happy with the service we are providing with this excellent lens."

**ALEX GEORGE**

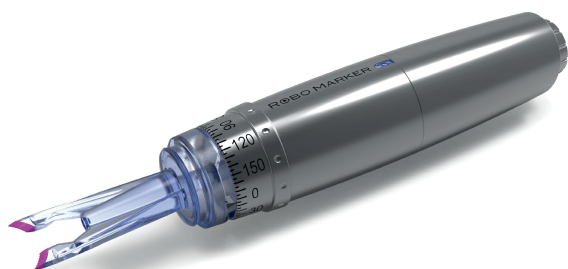
Consultant Ophthalmic Surgeon, Optilase



"Excellent support with calculations, easy to load and inserts easily. Rotates well and then very stable in the bag with excellent outcomes."

**MR STEPHEN LASH**

Consultant Ophthalmic Surgeon,  
Southampton Eye Unit and Medical Director of Optegra



"I have been privileged to use the Hoya monofocal, Precizon toric lenses and robomarker with excellent outcomes. I have had superb, knowledgeable and dedicated support from Spectrum and in particular the local representative, who has provided detailed support regarding all the products I've used."

**MR KASH QURESHI**

Consultant Ophthalmologist, East Sussex NHS trust



"Metal tip I/A instruments belong to the past! Mediceal's soft tip adds an extra layer of safety to surgery by eliminating the risk of capsular rupture from inadvertent aspiration of the capsule. It is the perfect substitute for all; from Simcoe fans to bimanual lovers!"

**ZIA CARRIM**

VR Consultant at Leeds Teaching Hospitals and Founder of The Eye Clinic, Mauritius



"I routinely use Artisan iris claw IOL as a safe and effective treatment for challenging cases of Aphakia without capsular support."

**MR NICK KOPSACHILIS**

Consultant Ophthalmic Surgeon, East Kent NHS trust



"The ELON EDOF lens offers cataract patients a unique premium solution without compromise: exceptional distance and intermediate outcomes, with acceptable near vision in most cases. All of this is without noticeable glare, haloes or compromise compared to a standard monofocal single vision lens. The optics, material, and delivery platform are also amongst the best on the market. Very happy patients and a very happy surgeon with the most optimal EDOF solution I have used thusfar."

**HATCH MUKHERJEE**

Consultant Ophthalmologist, Colchester Eye Centre

## Independent advice. Innovative solutions. Leading brands.

Spectrum can offer a bespoke private practice set up from SurgerySuite installation for all your surgery needs to IOL solutions and all your pack and consumables requirements.

Our goal is to offer you uncompromising, independent advice on ophthalmic products, services and solutions that suit the individual needs of you and your patients.

- Always independent advice
- Comprehensive selection
- Leading manufacturers
- Latest technology
- Dedicated support



