

InFocus

Look closer.
See further.

NEWSLETTER - Issue 8

Welcome to latest issue of the Haag-Streit UK 'InFocus' newsletter



Firstly, I would like to take this opportunity to wish you a very happy new year. It's been an extremely busy period for Haag-Streit UK (HS-UK). We recently underwent a planned re-organisation, which resulted in sister-company John Weiss & Son's integration within the business on the 1st January 2022.

After 230 years, naturally, John Weiss will remain an established product brand. Thus, HS-UK is now the Sole UK Distributor of the John Weiss range of gold-standard ophthalmic [micro-surgical instruments](#) and procedures & implants. We will continue to provide the full portfolio, which consists of over 2,500 individual products, both domestically, and to over 40 countries Worldwide. (You can find out more about the John Weiss range on [page 5](#)).

HS-UK has also been appointed as the sole UK Distributor for the; Haag-Streit Surgical [microscope range](#), the Haag-Streit Simulation [medical simulator portfolio](#), [Meridian 810](#) shortpulse laser and the Nova Eye [iTrack](#) (See [page 2](#) for more information on this exciting canaloplasty microcatheter).

In addition, HS-UK has been appointed UK Distributor status for the portfolio of 'Trusted Brands', which includes; [FEATHER](#) ophthalmic scalpels, blades and holders, [MedOne](#) vitreoretinal cannulae, [Tecfen](#) corneal trephine blades and tissue punches, [HEINE](#) primary diagnostic instruments, [Lacrivera](#) punctal inclusion systems, [SPIGGLE & THEIS](#) lid implants, InstruSafe custom surgical trays, [MORCHER](#) implants, ACROfine single-use instruments and [KERARING](#) corneal ring segments. (Why not check out further information about the free KERARING on-demand webinar on [page 3](#)).

I would like to reassure everyone that there is no planned change concerning continuity of the supply of products into the UK market, or to its Worldwide network of Distributors. The operational and staffing structure remains the same, post-integration, so Distributors, customers and suppliers can continue to deal with the same point of contact(s).

Any existing service contracts, originally purchased from John Weiss & Son, will now be fulfilled by the [HS-UK Service Division](#) (for the full duration of the contract). All future contracts, or renewals, will automatically be provided by the HS-UK Service Division.

I see this reorganisation as extremely positive, with the formation of 2 ophthalmic divisions, Diagnostic and Surgical. This will give HS-UK the opportunity to provide a 'one-stop-shop' to ophthalmic professionals, enabling us to build on the John Weiss legacy, and its excellent reputation within the surgical industry.

Since our last 'InFocus' newsletter, we have seen a new COVID-19 variant, Omicron. At HS-UK, the health and safety of our customers and employees is our top priority, and we will continue to adhere to our own COVID-19 Risk Assessments to ensure that we can safely operate and supply at this time.

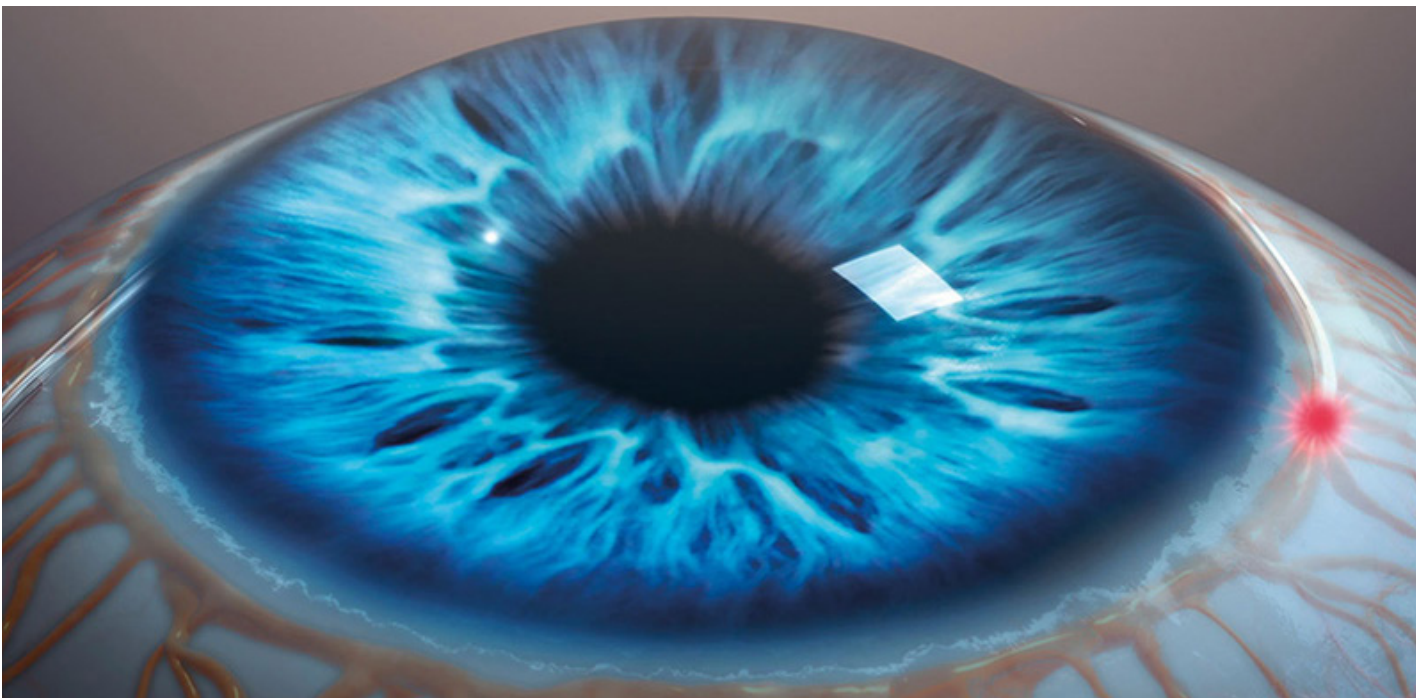
All staff (remote and on-site workers) continue to perform a rapid lateral flow test twice-weekly. I am pleased to confirm that the majority of our workforce has been 'double-jabbed' and have taken full advantage of the UK Government's booster program. We will continue to monitor the spread of COVID-19 and the introduction of any new variants, so we are able to react swiftly to this dynamically changing situation at any time.

In other news, since the last issue of the 'InFocus' newsletter, HS-UK has seen 2 new product launches; the Meridian [MR Q Combo](#) and the Optovue [iScan80](#) OCT. (You can find out more about these exciting new products on pages [4](#) and [7](#)).

I do hope you find this latest issue of 'InFocus' both interesting and informative. I hope that 2022 proves to be prosperous, and all your endeavours are successful.



Dean Johnson
Managing Director
Haag-Streit UK



The case for ab-interno canaloplasty, and the iTrack™

Ab-interno canaloplasty (ABiC) is gaining popularity as a MIGS procedure with Glaucoma Surgeons across Europe and the United States as it can be used in phakic and pseudophakic patient cases, or as an adjunct to cataract extraction. It is also not limited to mild-to-moderate disease and can be performed in patients with severe glaucoma.

Traditional [canaloplasty](#) can take up to an hour to perform. It requires large conjunctival and scleral dissections, creation of a Descemetic window and scleral lake, and placement of a tensioning suture. The extensive dissections also violate conjunctiva.

[ABiC](#) is less traumatic to the eye and preserves the conjunctiva by avoiding stent implantation or tissue ablation and therefore does not preclude performance of any further glaucoma procedures, should they be needed.

No tensioning suture is required to maintain the IOP reduction. It's a relatively comfortable procedure with little to no post-operative discomfort. Another advantage of ABiC over canaloplasty is that ABiC can be performed more easily in patients in whom trabeculectomies and tube shunts have failed.

ABiC offers a comprehensive approach to MIGS by accessing, catheterising, and viscodilating all aspects of outflow resistance; the trabecular meshwork, Schlemm's canal, and the distal outflow channels. The procedure is also rapid – perhaps less than five minutes – and requires virtually no recovery time. Furthermore, many patients are able to reduce their medication burden after ABiC.

Introduced in 2008 and with more than 150,000 procedures performed globally, [iTrack™](#) is the world's first canaloplasty microcatheter. It is also the only canaloplasty device that enables surgeons to customise the amount of viscodilation for each patient.

Despite measuring just 250 microns, the [iTrack™](#) comprises an infusion pathway for the delivery of ophthalmic viscosurgical device or OVD, a proprietary guidewire that controls how the microcatheter tracks, and a fibre optic for illuminating the distal tip. It also delivers +100 microlitres of OVD over the entire 360° of Schlemm's canal, via a process of pressurised viscodilation.

The [iTrack™](#) catheter's coating allows it to glide easily through the drainage canal. The fibre optic tip

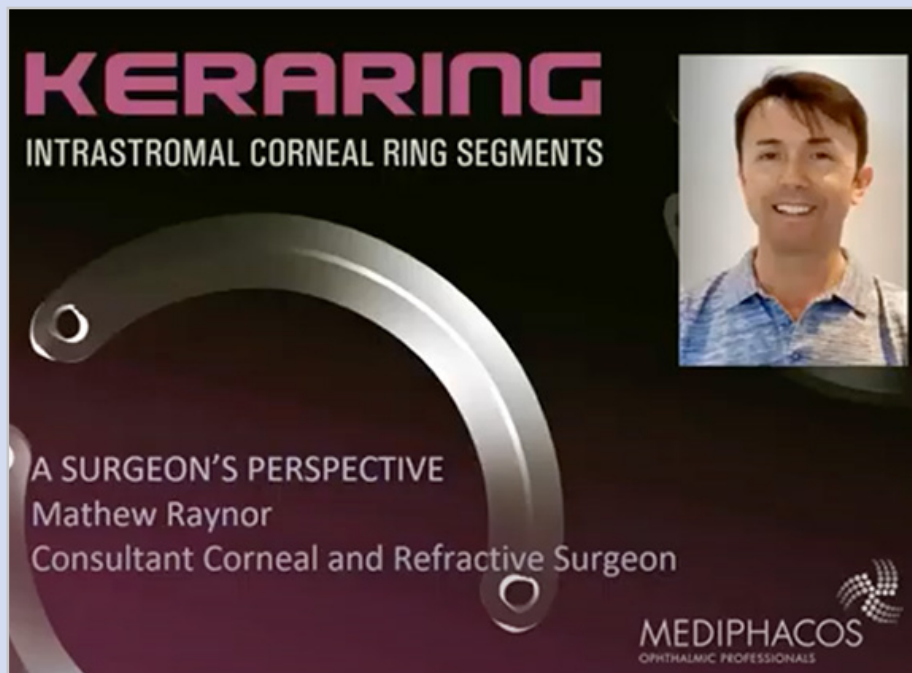
allows visualisation of the device's location at all times. It's very easy to push a normal device into the suprachoroidal space; by contrast, you can follow [iTrack™](#)'s illuminated tip and direct it accordingly.

The catheter is relatively long, so if you encounter a blockage within Schlemm's canal close to the intubation site, you simply circumnavigate in the opposite direction – you'll still get 360° of treatment. Furthermore, the [iTrack™](#) permits control of viscoelastic infusion.

In a canal with many structures, you can infuse more viscoelastic to achieve better dilation; similarly, if you encounter an adhesion, you can bypass it by infusing additional viscoelastic to expand the canal sufficient for catheter advancement. No other device permits procedure parameters to be modulated in this fashion.

If you are considering ABiC as a MIGS procedure, you should consider [iTrack™](#).

Haag-Streit UK is the Sole UK Distributor for the Nova Eye [iTrack™](#). For further information, please email itrack@haag-streit-uk.com.



'Remodelling the Cornea & Managing Disease with KERARING Segments' FREE on-demand webinar

We recently co-hosted a very successful webinar entitled *'Remodelling the Cornea & Managing Disease with KERARING Segments'* with our 'Trusted Brands' partner, Mediphacos.

Mediphacos' [KERARING](#) intrastromal corneal ring segments are the most complete and versatile corneal remodelling system in the World.

These precision implantable devices are used to correct corneal surface irregularities and reduce refractive errors associated with keratoconus and other corneal ectatic disorders.

The *'Remodelling the Cornea & Managing Disease with KERARING Segments'* webinar discussed a wide range of topics, including; *'Surgical Technique'*, *'Patient Selection Criteria'* and *'The Surgeon's Aim & Goals When Using KERARING'*.

Other key areas covered by the webinar included; *'How to Build Implantation into Keratoconus Treatment Protocols for the Greatest Effect'*, *'Using the Nomogram for Surgical Planning'* and *'Customisation Using Both the Standard and the AS Progressive KERARING Range'*.

The webinar was hosted by Mr Mathew Raynor, Consultant Ophthalmic Surgeon at Sheffield Teaching Hospitals NHS Foundation Trust. Mathew is a very experienced user of KERARING intrastromal corneal ring segments and presented some interesting case studies and success stories.

The main theme of Mathew's presentation was surgical planning, with a particular focus on using the Alfonso classification system to determine the cone type and the corresponding ring type required to maximise keratoconus correction.

Grahame Wood, National Sales Manager, said, "We were delighted with the success of the KERARING webinar. The Q & A section at the end sparked some lively debate, along with some very interesting questions. I'd like to extend a big thank you to Mathew Raynor and, of course, all those who attended, we look forward to hosting similar webinars in the future."

A free on-demand video of the webinar is now available to watch on the Haag-Streit UK YouTube channel at <https://hsuk.co/keraringwebinar>.



On-demand webinar on SOLIX FullRange™ OCT & OCTA now available

A free on-demand webinar entitled *'Optimally Integrating Multimodal SOLIX FullRange™ OCT & OCTA Technology in Your Daily Practice'* is now available to watch online.

On 4th October 2021, Optovue held an online Symposium showcasing the [SOLIX](#), with a panel of worldwide OCT and OCTA experts discussing its extensive daily clinical applications. This is now available to watch on-demand.

The [webinar](#) provides a comprehensive review of the clinical capabilities of SOLIX and includes four insightful talks:

- *'Understanding Advanced OCT Angiography Algorithms: Split-Spectrum Amplitude-Decorrelation Angiography (SSADA) & Projection Artifact Removal (PAR)'* by David Huang, MD, PhD Oregon Health & Science University, USA
- *'The Broad Spectrum of FullRange™ OCT Anterior Segment Applications'* by Adil El Maftouhi, OD Centre Rabelais & XV-XX Hospital, France
- *'Using Multimodal OCT and OCTA in Glaucoma Practice'* by Michel Puech, MD Explore Vision, France
- *'En Face OCT and OCTA with SOLIX: Case by Case Study'* by David Sarraf, MD Stein Eye Institute, UCLA, USA.

Click [here](#) to watch the webinar. For more information on the SOLIX FullRange OCT, please visit <https://hsuk.co/solix>, or email solix@haag-streit-uk.com.



Haag-Streit Diagnostics announces the winners of the '2021 Slit Lamp Imaging Competition'

Haag-Streit recently announced the winners of the '2021 Slit Lamp Imaging Competition'.

The competition was a great success with Haag-Streit receiving a large number of fantastic images from all over the globe. The judges selected 3 finalists, all of whom delivered outstanding photographs.

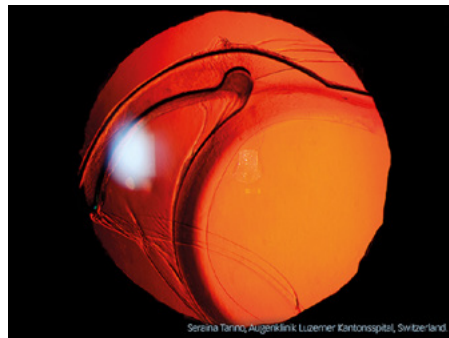
Following a great deal of deliberation, the judges announced that the winner was Dimitrii Samsonov, Irkutsk branch of the Federal State Institute of Ophthalmic Microsurgery S. Fyodorov, Russia. His superb image was entitled 'Gentle touch – post-traumatic vitreous prolapse with corneal fixation' (see top image). Dimitrii's prize included a Fujifilm X-T4 camera.



Utpal Sarkar, 'Free iris cyst (history of trauma)'

Utpal Sarkar, Disha Eye Hospitals pvt Ltd, India, won second place with his

image of a 'Free Iris Cyst (History of Trauma)'.



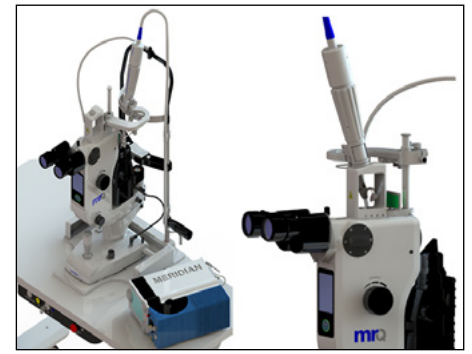
Seraina Tanno 'Sunbluxed intraocular lens'

Seraina Tanno received third prize for her image of a 'Subluxed Intraocular lens'.

Haag-Streit Diagnostics has now created a library of the entries, entitled the 'Wallpaper collection'. All wallpaper can be used for non-commercial purposes, as long as the images remain unchanged and the captions are retained.

You can choose and download your exclusive wallpaper from the final jury selection of the 2021 entries [here](#).

For further information on Haag-Streit's portfolio of slit lamp imaging devices, please visit the Haag-Streit UK website at <https://hsuk.co/SlitLampImaging>, or email slitlamp@haag-streit-uk.com.



Haag-Streit UK announces the launch of the MR Q Combo laser system in the UK

HS-UK is pleased to announce the launch of the [MR Q Combo](#) in the UK.

The MR Q Combo is a specially designed slit lamp, offering the option to safely combine the MR Q YAG 1064nm laser with either a Merilas 532a, Merilas 532nm or a Merilas 577nm shortpulse laser. The latter of the two configurations deliver microsecond pulses for subthreshold retinal treatments.

A versatile laser system, the MR Q Combo has been designed to save space and maximise treatment possibilities.

Offering superior quality and longevity, the system allows the user to easily switch between treatments, providing maximum versatility and can be customised to suit the needs of the user.

The unique parking station protects the sensitive optics of the slit lamp adapter when the photocoagulator is not in use. Safe handling of the two lasers is ensured by the specially designed slit lamp adapter.

The MR Q Combo has been designed to safely treat anterior and retinal conditions and has a crystal detachable control panel. Stable and robust, it is Swiss engineered and features renowned precision optics.

If you would like more information on the MR Q Combo, please visit <https://hsuk.co/MRQ>, or email mrq@haag-streit-uk.com.



John Weiss, a trusted brand for more than 230 years

John Weiss has been an established brand for over 230 years. Its origins extend back to the 18th Century when its founder, John Weiss, a Master Cutler and Instrument Maker, left Austria for London, forming the company, John Weiss & Son, in 1787.

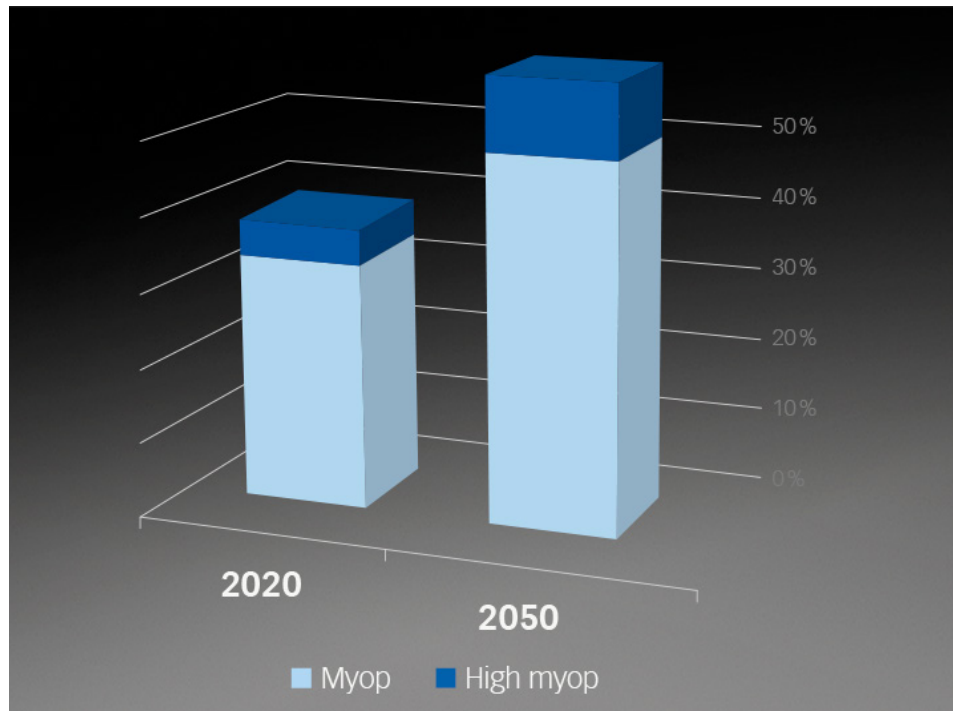
Throughout its rich history, the John Weiss brand has adapted and evolved to meet the everchanging needs and demands of the modern Surgeon.

The product range has expanded to over 2500 products, encompassing all sub-specialties of ophthalmic surgery; cataract, corneal, oculoplastic, glaucoma and vitreoretinal.

Available in titanium and stainless-steel, the John Weiss instrument range includes; Forceps, Needle Holders, Scissors, Choppers & Manipulators, Specula, Extraocular and Specialist.

Haag-Streit UK is proud to be the Sole UK Distributor of the range - John Weiss is the leading brand of microsurgical instruments domestically and is currently exported to over 40 countries worldwide.

For further information on the John Weiss instrument range, please email instruments@haag-streit-uk.com or visit <https://hsuk.co/johnweiss>.



The increasing global prevalence of myopia

World-wide cases of myopia have increased dramatically in recent years, with research estimating that on average [30% of the world is currently myopic](#) and by 2050, almost [50% will be myopic](#), equating to almost 5 billion people*.

Myopia is the leading cause of moderate to severe vision impairment and a major cause of blindness. The costs and public health implications of the condition are huge and could have a staggering impact on eye care services around the globe.

Recent studies* show that the prevalence is [higher in East Asia](#), but in the future even nations which have little myopia today, will be severely affected. Research also suggests that reducing the rates of myopia progression by 50% could [reduce the prevalence of high myopia by up to 90%*](#).

Good future planning of eye care service and delivery is therefore imperative to combat the rise in this condition. It is increasing and developing exponentially in children, adolescents and young adults, making early diagnosis vital.

The new [Lenstar Myopia](#) is a state-of-the-art myopia management system, comprising the long-established [Lenstar 900](#) optical biometer, partnered

with EyeSuite Myopia software, it is the ideal instrument for the early detection of myopia. Developed in collaboration with leading myopia experts, it allows optometrists, opticians and ophthalmologists to expand myopia management capabilities, allowing early detection of myopia onset.



Lenstar Myopia; tackling the global epidemic

EyeSuite Myopia is a highly-customisable, easy-to-use yet comprehensive myopia management software platform. It is based on the latest findings of myopia research on refractive progression trends, axial length growth of the eye and environmental factors.

For further information on the Haag-Streit Lenstar Myopia, please visit <https://hsuk.co/lenstarmyopia>, or email lenstar@haag-streit-uk.com.

*Holden BA, Fricke TR, Wilson DA, Jong M, Naidoo KS, Sankaridurg P, Wong TY, Naduvilath TJ, Resnikoff S, Global Prevalence of Myopia and High Myopia and Temporal Trends from 2000 through 2050, *Ophthalmology*, May 2016 Volume 123, Issue 5, Pages 1036–1042.



Haag-Streit UK is dedicated to meeting new European MDR requirements

HS-UK is dedicated to meeting the requirements of the new European [Medical Device Regulation \(MDR\)](#) for all of its products.

HS-UK products are currently certified by the European Medical Device Directive (MDD), and this certification will be valid until May 2024. Following this, all products will then need to be certified under the new MDR requirements. HS-UK products covered by the MDD include the; [Synoptophore](#) (major amblyoscope), [Perkins Mk3](#) hand-held applanation tonometer, [RAF Gauge](#) and [Tonosafe](#) disposable tonometer prisms.

The new regulations are intended to improve the safety and performance of medical devices in Europe throughout the instrument life cycle. This ensures a higher level of protection for the health of patients and users of the medical devices.

The HS-UK Quality Assurance (QA) Team is currently working through every product's technical file to ensure that it meets the increased MDR requirements. They are also working extremely closely with notified bodies while awaiting designation.

The new MDR requires a far more proactive approach to clinical investigation and post-market surveillance. HS-UK will fully meet this requirement with an increased emphasis on obtaining customer feedback, using this to improve both the quality of products and the service provided.

To find out more about the new Medical Device Regulation, please visit the European Commission [website](#).

Spotlight on; the Eyestar 900 analyser

The [Eyestar 900](#) is a swept-source OCT-based eye analyser. The swept-source technology enables precise measurement of the entire eye as well as topographic assessment of the front and back corneal surface and the anterior chamber, including the lens. In addition to imaging all of these structures, it also includes cornea-to-retina biometry of the entire eye.

It provides all of these measurements, along with pachymetry maps and A and B-scan imaging in one measuring procedure, on a single device. The fully-automated measurement process optimises workflow and enables the user to acquire precise measurements and imaging data of both eyes, in less than 40 seconds.

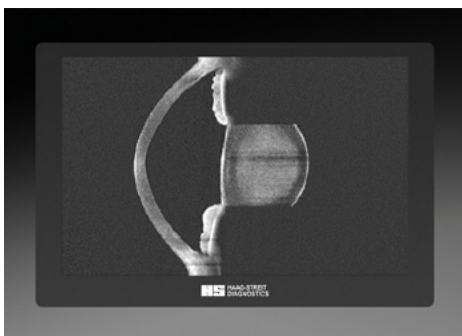
The Eyestar 900 also features well-established dual zone reflective keratometry, specifically for cataract applications, providing precise keratometry and astigmatism measurements compatible with IOL constants. This information, combined with topographic imaging data, pachymetry maps and swept-source OCT B-scans, enables the eye care specialist to accurately diagnose a patient, plan surgical procedures, predict outcomes and to control the intervention efficacy of cataract, refractive and anterior chamber surgeries.



Eyestar 900 display

Powered by [EyeSuite](#), the Eyestar 900 can be seamlessly integrated into a practice environment. It boasts a large and established IOL suite of state-of-the-art calculation formula, including; [Hill-RBF 3.0](#), Barrett's True K and True K Toric, Olsen, Masket and Shammas no history method.

If you would like further information on the Eyestar 900, please visit www.haagstreituk.com/eyestar, or email eyestar@haag-streit-uk.com



Swept-source OCT

The system features stunning imaging and excellent cataract penetration in a single data acquisition process. Imaging of the entire anterior chamber, including the crystalline lens, allows the user to easily verify any measurement and to identify anatomical anomalies that may interfere with planned surgical procedures.



Haag-Streit UK announces the launch of the iScan80 OCT in the UK

Haag-Streit UK is pleased to announce the launch of the Optovue [iScan80](#) in the UK.

The iScan80 is a user-friendly, high-speed OCT system that sets the standard for efficiency. It is ideal for practices seeking an affordable and versatile OCT system.

The iScan80 now delivers high-speed 80kHz OCT at 80,000 A-scans per second, 3 times faster than the original iScan system. It offers a more simplified scan acquisition, and a wider field of view.

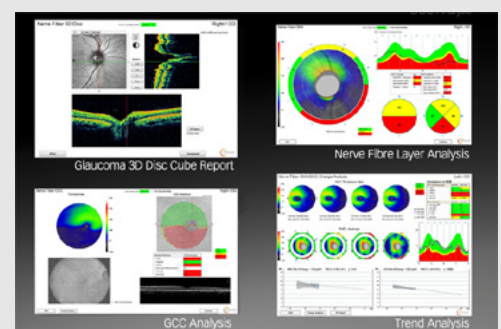


A fully-integrated OCT system

Compact and portable, the iScan80's streamlined design integrates the operator interface, display, patient interface and scan head into one console, making it ideal for small spaces. The table

top design offers the flexibility to place it in any room, or transfer from one practice to another.

The iScan80 offers a range of fantastic features, including; an OCT iWellness scan, retina mapping, RNFL and Ganglion Cell Complex trend analysis, high-density 3D retinal imaging and in-depth 3D optic nerve head analysis.



iScan80 suite of glaucoma scans

It also boasts a comprehensive range of anterior scans, including; pachymetry, epithelial mapping, angle scans and vault mapping.

For further information on the iScan80, please visit the Haag-Streit UK website at <https://hsuk.co/iscan>, or email iscan@haag-streit-uk.com.

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