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Alcon focuses on efficiency and minimally invasive cataract technologies in the operating room at ESCRS 2019

- **Introducing ACTIVE SENTRY® Handpiece and INTREPID® Hybrid Tip designed to improve control during surgery with CENTURION® Vision System**
- **Completing Alcon extensive phaco portfolio with LEGION™ system**
- **Enhancing visualization platform with NGENUITY® and the new LuxOR Revalia™ ophthalmic microscope**

Paris, France – September 13 – Alcon, the global leader in eye care, will take part in the 37th annual congress of the European Society of Cataract and Refractive Surgeons (ESCRS) in Paris, France, September 14-18. Alcon's educational program will feature new data on Alcon technologies and processes to help improve efficiency and safety during cataract procedures. In the exhibition area, delegates will have the opportunity to discover innovations designed to improve surgeons' experience in the operating room, including ACTIVE SENTRY® Handpiece, INTREPID® Hybrid Tip, LEGION system, and LuxOR Revalia™.

"The ESCRS congress is an extremely important forum to foster peer to peer discussions on the management of eye diseases, and share best practices with new technological innovations to improve clinical practice," said Sophie Dutilloy, Region President, Alcon EMEA. "Now an independent, standalone company, our commitment to eye care has never been stronger, demonstrated by the introduction of several new products designed to help gain efficiency and safety during eye surgeries."

As part of the official ESCRS scientific program, Alcon will host three educational symposia:

- **Targeting Refractive Outcomes Precision: Beyond the Innovations**
Sunday, September 15 - 1:00pm-2:00pm - Moderator: Francesco Carones (Italy)
Venue: Pavillon 7, Paris Expo Porte de Versailles - Room West 1
- **INFOCUS: 2 minutes to enhanced O.R. Experience and Patient Selection! Debating the Topics Most Important to your Practice**
Sunday, September 15 - 7:00pm-8:00pm - Moderator: Antoine Brezin (France), Co-moderators: Saleh Al Messabi (U.A.E), Chandra Bala (Australia)
Venue: Palace Brongniart, Place de la Bourse, 75002 Paris

- **Partnering with ESONT to Drive Efficiency in Your Practice through Alcon Services and Solutions**

Monday, September 16 – 1:00pm-2:00pm - Moderator: Mercè Guarro (Spain)

Venue: Pavillon 7, Paris Expo Porte de Versailles - Room South 3

In the exhibit area, delegates will have the opportunity to view and try Alcon's latest products and book personal demonstrations of:

- **ACTIVE SENTRY® Handpiece**, the first and only phaco handpiece with a built-in fluidics pressure sensor for real-time dynamic monitoring of intraocular pressure (IOP) ¹. This milestone in phaco technology provides three significant benefits: surge reduction from prior generation of systems, automated Patient Eye Level (PEL) and IOP compensation for average leakage.
- **INTREPID® Hybrid Tip** is an update to the proven INTREPID® BALANCED Tip, which includes a rounded polymer edge designed to reduce the risk of capsular tears and further improve safety in the OR.^{2,3} It features cutting performance suitable for cataract densities up to 3+ and offers fluidics performance and configuration identical to the INTREPID® BALANCED Tip.³
- **LEGION system™⁴** completes the full range of Alcon phaco portfolio, together with Centurion® Vision System and Centurion® Silver. The system features torsional OZil technology and advanced gravity fluidics. With the launch of **LEGION™ system**, Alcon provides an extensive customized offering of phaco systems according to customer's needs, preferences and budget requirements.
- **Alcon Visualization platform with LuxOR Revalia™** enhanced microscope with personalized LED illumination technology and NGENUITY® 3D Digital system. This platform is designed to optimize both anterior and posterior procedures, allowing surgeons to see more and go beyond.⁵⁻¹⁴

The commercial launch for these products varies. More information will be available at the Alcon booth #E111.

For indications, contraindications and warnings please refer to the relevant product's instructions for use.

References

¹ Active Sentry® Pressure Sensing Handpiece DFU

² Centurion® Vision System Centurion FMS Pack DFU

³ Shumway C. Utility of a novel hybrid phacoemulsification tip to prevent posterior capsule rupture. Presentation at ASCRS 2019, 3-7 May, San Diego.

⁴ Legion® Phaco System Operator's Manual

⁵ LuxOR Revalia™ (LX3 LED) Ophthalmic Microscope Operator's Manual

⁶ Cionni RJ, Pei R, Dimalanta R, et al. Evaluating red reflex and surgeon preference between nearly-collimated and focused beam microscope illumination systems. Transl Vis Sci Technol. 2015;4(4):7

⁷ Schwiegerling J, Dimalanta R. Depth of focus measurements of ophthalmic surgical microscopes. Poster presented at: The Association for Research in Vision and Ophthalmology; May 1-5, 2016; Seattle, WA

⁸ Alcon data on file, drawing number 955-7210-004, 2014

⁹ NGENUITY® User Manual 2017

¹⁰ Eckardt, C., Paulo, E.B. HEADS-UP SURGERY FOR VITREORETINAL PROCEDURES: An Experimental and Clinical Study. RETINA. 2016 Jan; 36(1):137-47

¹¹ Franklin, A.J., Sarangapani, R., Yin, L. Tripathi, B., Riemann, C. Digital vs Analog Surgical Visualization for Vitreoretinal Surgery. Retinal Physician, Volume: 14, Issue: May 2017, page(s): 34-36, 38-40

¹² Romano MR. et al, Evaluation of 3D heads-up vitrectomy: outcomes of psychometric skills testing and surgeon satisfaction, EYE FEB 2018, pub ahead of publication

¹³ Alcon Data on File. Yin L, Sarangapani R. Assessment of visual attributes for NGENUITY® 3D Visualization System 1.0 for digitally assisted vitreoretinal surgery. Alcon Modeling and Simulation. December 2017

¹⁴ Weissman M. Stereo parallax and disparity in single-lens stereoscopy. Proc. SPIE 3957, Stereoscopic Displays and Virtual Reality Systems VII. 2000;312-320

About Alcon

Alcon helps people see brilliantly. As the global leader in eye care with a heritage spanning more than seven decades, we offer the broadest portfolio of products to enhance sight and improve people's lives. Our Surgical and Vision Care products touch the lives of more than 260 million people in over 140 countries each year living with conditions like cataracts, glaucoma, retinal diseases and refractive errors. Our more than 20,000 associates are enhancing the quality of life through innovative products, partnerships with eye care professionals and programs that advance access to quality eye care. Learn more at www.alcon.com.

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