

# Educational Goals - Alcon Focus for 2019

We welcome proposals in the following areas:



## Cataract Surgery

### Learning Gaps - Alcon Focus

Ophthalmologists in training and/or early in their careers can improve their surgical technique through didactic and hands-on learning opportunities. How to properly optimize femto technology is also relevant to ophthalmic surgeons. HCPs can benefit from education designed to improve awareness of current and developing technologies in intraocular lens types and how to better screen patients to identify the optimal lens type for their patients, as well as understand the diagnostic tools available pre-operatively and intra-operatively that can optimize refractive expectations and outcomes.

### Educational Goals - Alcon Focus for 2019:

<u>Fundamentals/Basics</u>	Improve understanding of: <ol style="list-style-type: none"><li>1. Phaco-dynamic fundamentals to include fluidics and its impact on chamber stability</li><li>2. Ultrasound fundamentals relative to minimizing the potential for thermal complications</li><li>3. Cataract surgical technique to include the use of viscosurgical devices and how to deliver best refractive outcomes</li><li>4. Cataract surgical techniques that address complications during surgery</li><li>5. Current and evolving technologies to optimize the phaco system</li></ol>
<u>IOLs</u>	Increase awareness of: <ol style="list-style-type: none"><li>1. Effective and appropriate pre-op planning with patient to include the most appropriate lens based on patient lifestyle and patient expectations</li><li>2. New intraocular lens technologies have resulted in advanced lenses becoming the true standard of care at time of surgery</li><li>3. Current and emerging technologies in advanced technology IOLs and considerations for each:<ul style="list-style-type: none"><li>- Extended depth of focus: Provides vision at both distance and intermediate by creating single elongated focal point</li><li>- Multifocal: Provides vision at both distance and near (multi focal points)</li><li>- Toric: Decreases post-operative astigmatism</li><li>- Trifocal: Provides vision at near, intermediate, and distance to provide a fuller range of vision</li></ul></li><li>4. Evolving IOL technology to include:<ul style="list-style-type: none"><li>- Lens designs</li><li>- Biomaterials</li><li>- Delivery systems</li></ul></li></ol>

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<u>Diagnostics</u>	Improve understanding of: 1. Use of accurate pre-operative biometry measurements in the surgical planning process helps minimize potential sources of error and maximizes refractive outcomes 2. Use of intraoperative aberrometry measurements allows the surgeon to assess and make adjustments when necessary to provide better refractive outcomes
<u>Femtosecond Laser Assisted Cataract Surgery</u>	Improve understanding of how to incorporate femto technology into cataract surgery technique and workflow.

<b>Keratorefractive Surgery</b>	
<b>Learning Gaps - Alcon Focus</b>	
<b>HCPs are limited in their ability to differentiate among the laser platforms and laser treatment options.</b>	
<b>Educational Goals - Alcon Focus for 2019:</b>	
<u>Treatment Options</u>	Improve understanding of the differences among available and developing technologies in order to improve patient selection and treatment assignment: 1. Wavefront optimized 2. Wavefront guided 3. Topography guided 4. Ray tracing
<u>Femtosecond Laser</u>	Improve understanding of how to incorporate femto technology in the creation of intracorneal tunnels and corneal pocket incisions/flaps.

# Educational Goals - Alcon Focus for 2019

We welcome proposals in the following areas:



<b>Vitreoretinal Surgery</b>	
<b>Learning Gaps - Alcon Focus</b>	
<b>HCPs lack awareness of the latest technologies and techniques in vitreoretinal surgery.</b>	
<b>Educational Goals - Alcon Focus for 2019:</b>	
<u>Technology</u>	Improve awareness of: <ol style="list-style-type: none"><li>1. Retinal stabilizing agents serve to delay aqueous filling to allow for retinal re-attachment to occur</li><li>2. Instrument material can increase surgical precision and help minimize trauma</li><li>3. High speed cut rates can minimize surgical complications and maximize surgical outcomes</li><li>4. Impact of fluidics on surgical outcomes</li></ol>
<u>Techniques</u>	Expand understanding of the positive impact on surgical outcomes that the following have: <ol style="list-style-type: none"><li>1. Small gauge surgery can positively impact surgical outcomes through less conjunctival scarring, less post-op inflammation, and earlier visual recovery</li><li>2. Intraoperative management through overarching teaching curriculum</li><li>3. Vitreous behavior and its impact on surgical treatment modalities and surgical outcomes</li></ol>
<u>Digitally assisted vitreoretinal surgery (DAVS)</u>	Improve surgeon awareness of the benefits and uses of DAVS by increasing knowledge of: <ol style="list-style-type: none"><li>1. The role visualization plays in vitreoretinal surgery</li><li>2. Benefits of using DAVS to improve patient outcomes by providing a more comprehensive view for the surgeon</li></ol>

# Educational Goals - Alcon Focus for 2019

We welcome proposals in the following areas:



## Contact Lens & Contact Lens Care

### Learning Gaps - Alcon Focus

ECPs can benefit from independent education designed to improve understanding of the available technologies in contact lens wear and the best practices/strategies in fitting patients incorporating the patient's lifestyle and visual needs. ECPs can also expand their ability to differentiate among lens care solutions and how to maximize the compatibility between lens care platforms and lens care solutions.

### Educational Goals - Alcon Focus for 2019:

<u>Contact Lens- Platforms</u>	Improve successful contact lens wear by patients through increasing ECPs knowledge of: 1. Available technologies: - Daily disposable lenses - Multifocal lenses for presbyopia - Toric lenses for astigmatism 2. Increase successful lens wear and reduction in drop-out rates by maximizing fitting opportunities based on patient's lifestyle and visual needs (including eye fatigue from near work or digital device use)
<u>Contact Lens Care Solutions</u>	Aid the ECPs in improving patient compliance and reducing drop-out rates in contact lens wear by: 1. Differentiating lens care solutions to find the optimal system for each patient 2. Increasing awareness of the differences in MPS and hydrogen peroxide for the disinfection of contact lenses

# Educational Goals - Alcon Focus for 2019

We welcome proposals in the following areas:

**Alcon** A Novartis  
Division

## Dry Eye & Ocular Health

### Learning Gaps - Alcon Focus

ECPs can benefit from a better understanding of the importance that a healthy ocular surface plays in a patient's quality of life, its impact on successful contact lens wear and cataract/refractive surgical outcomes.

### Educational Goals - Alcon Focus for 2019:

<u>Causes &amp; Types</u>	Expand ECPs awareness of the different types of dry eye and the treatment options for each by: <ol style="list-style-type: none"><li>1. Understanding the importance of a careful history and evaluation in making an accurate diagnosis of dry eye</li><li>2. Identifying the best treatment option for the patient with a dry eye diagnosis</li></ol>
<u>Impact on Patient</u>	Increase ECPs understanding of the role that a healthy ocular surface plays in patient quality of life by: <ol style="list-style-type: none"><li>1. Understanding its importance in successful contact lens wear by contributing to a reduction in drop-out rates</li><li>2. Understanding that careful selection of lens material, adherence to lens replacement schedule, and the optimal lens care options can lead to a healthier ocular surface</li><li>3. Understanding that the management of dry eye can lead to improved surgical outcomes</li></ol>