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TECNIS Symfony® and TECNIS Symfony® Toric IOLs deliver state-of-the-art presbyopia mitigation and astigmatism correction* while providing a full range of high-quality, continuous vision. I've never let anything keep me from seeing the big picture. Why would you?

Don’t wait to leave a legacy of seamless brilliance. Start now with TECNIS Symfony® and TECNIS Symfony® Toric Extended Depth of Focus IOLs.

*TECNIS Symfony® Toric IOLs only

INDICATIONS AND IMPORTANT SAFETY INFORMATION FOR THE TECNIS SYMFONY® AND TECNIS SYMFONY® TORIC EXTENDED RANGE OF VISION IOLs
Rx Only

INDICATIONS: The TECNIS Symfony® Extended Range of Vision IOL, model ZXR00, is indicated for primary implantation for the visual correction of aphakia, in adult patients with less than 1 diopter of pre-existing corneal astigmatism, in whom a cataractous lens has been removed. The lens mitigates the effects of presbyopia by providing an extended depth of focus. Compared to an aspheric monofocal IOL, the lens provides improved intermediate and near visual acuity, while maintaining comparable distance visual acuity. The model ZXR00 IOL is intended for capsular bag placement only. The TECNIS Symfony® Toric Extended Range of Vision IOLs, models ZXT150, ZXT225, ZXT300, and ZXT375, are indicated for primary implantation for the visual correction of aphakia and for reduction of residual refractive astigmatism in adult patients with greater than or equal to 1 diopter of preoperative corneal astigmatism, in whom a cataractous lens has been removed. The lens mitigates the effects of presbyopia by providing an extended depth of focus. Compared to an aspheric monofocal IOL, the lens provides improved intermediate and near visual acuity, while maintaining comparable distance visual acuity. The model series ZXT IOLs are intended for capsular bag placement only. WARNINGS: May cause a reduction in contrast sensitivity under certain conditions, compared to an aspheric monofocal IOL. Inform patients to exercise special caution when driving at night or in poor visibility conditions. Some visual effects may be expected due to the lens design, including: perception of halos, glare, or starbursts around lights under nighttime conditions. These will be bothersome or very bothersome in some people, particularly in low-illumination conditions, and on rare occasions, may be significant enough that the patient may request removal of the IOL. Rotation of the TECNIS Symfony® Toric IOLs away from their intended axis can reduce their astigmatic correction, and misalignment greater than 30° may increase postoperative refractive cylinder. If necessary, lens repositioning should occur as early as possible prior to lens encapsulation. ATTENTION: Reference the Directions for Use for a complete listing of Indications and Important Safety Information.

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## FRIDAY, OCTOBER 6, 2017

### 8:30 - 8:40  Welcome  
Daniel Neal, PhD

### 8:40 - 8:45  Acknowledgements  
Susana Marcos, PhD

### SESSION I: FUNDAMENTALS OF CRYSTALLINE LENS ACCOMMODATION  
**Moderator:** Susana Marcos, PhD

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tr>
<td>8:45</td>
<td>Fundamentals of Accommodation</td>
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<tr>
<td></td>
<td>Adrian Glasser, PhD</td>
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<tr>
<td>8:53</td>
<td>Imaging Accommodation with OCT</td>
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<td>Florence Cabot, PhD</td>
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<td>9:01</td>
<td>Imaging Accommodation with Ultrasound</td>
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<td>Mary Ann Croft, MS</td>
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<tr>
<td>9:09</td>
<td>Fundamentals of Crystalline Lens Accommodation</td>
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<td>Harald Studer, PhD</td>
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<td>9:17</td>
<td>3D Parametric Eye Model for Biomechanical and Optical Evaluation of Visual Accommodation and Other Applications</td>
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<td>M. Aurélien Maurer, MS</td>
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<tr>
<td>9:25</td>
<td>Predictive Analysis using 3D FEM Accommodation</td>
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<td>AnnMarie Hipsley, PhD</td>
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<td>9:31</td>
<td>Open Discussion</td>
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### SESSION II: ADVANCES IN RESTORATION OF ACCOMMODATION  
**Moderators:** Satish Herekar, MS, Susana Marcos, PhD

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<th>Time</th>
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<tbody>
<tr>
<td>9:46</td>
<td>Review of Scleral Approaches Past and Future</td>
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<td>Mitch Jackson, MD</td>
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<tr>
<td>9:52</td>
<td>Optical Quality Metrics After PRK and LaserACE</td>
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<td>AnnMarie Hipsley, PhD</td>
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<tr>
<td>9:58</td>
<td>Scleral Micro-Implant Surgery for Presbyopia and Laser Vision Correction of Manifest Hyperopia</td>
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<td>Barrie Soloway, MD</td>
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<tr>
<td>10:06</td>
<td>Accommodative Loss with Cataract Surgery and It’s Clinical Implications</td>
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<td></td>
<td>Vance Thompson, MD</td>
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<td>10:14</td>
<td>Surface Changing AIOL Enabled by Photobonded Haptics</td>
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<td>Susana Marcos, PhD</td>
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<tr>
<td>10:22</td>
<td>A Dual Mode Accommodating/Disaccommodating IOL with Zonular Capture Haptics</td>
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<td>Paul Beer, MD</td>
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<tr>
<td>10:30</td>
<td>Open Discussion</td>
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### SESSION III: NEW TECHNOLOGIES TO ASSESS END-POINTS OF PRESBYOPIA TREATMENTS  
**Moderators:** Daniel Neal, PhD, Susana Marcos, PhD

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<tr>
<th>Time</th>
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<tr>
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<td>Aberrometry-based Endpoints</td>
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<td>Daniel Neal, PhD</td>
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<tr>
<td>11:13</td>
<td>Objective Amplitude of Accommodation and Refraction</td>
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<td>Norberto Lopez-Gil, PhD</td>
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<tr>
<td>11:21</td>
<td>Fundamentals of Accommodation Restoration</td>
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<td>Adrian Glasser, PhD</td>
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<td>11:29</td>
<td>Tolerance Induced Astigmatism: Comparison of a Small Aperture and Trifocal IOL</td>
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<td>Robert Ang, MD</td>
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DEMAND MORE:
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*Enlighten technology, AcrySof® platform and new calculators (1-5)

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FRIDAY, OCTOBER 6, 2017

11:37 - 11:43 Improving Presbyopic Refractive Results by Improving Intraocular Lens Position (pELP) and Tilt Predictions with 3-Dimensional Swept Source Optical Coherence Tomography (3D-OCT)
Joseph Ma, MD

11:43 - 11:51 Enhancing Presbyopic Solutions: What is Next with EDoF IOLs?
Vance Thompson, MD

11:51 -12:00 Open Discussion

12:00 - 13:00 Luncheon
All attendees, Castillo IX Room

SESSION IV: WHAT IS NEW AND IMPROVED IN MULTIFOCAL IOLS?
Moderators: Satish Herekar, MS, Susana Marcos, PhD

13:00 - 13:08 Optical Behavior of the Symphony IOL
Henk Weeber, PhD

Damien Gatinel, MD, PhD

13:16 - 13:24 Outcomes and Advantages of Panoptic Trifocal IOL
Mike Holzer, MD

13:24 - 13:32 Oculentis IOL and the Dusseldorf Formula
Hakan Kayak

13:32 - 13:40 Different Optical Concepts for EDOF IOLs and Their (Dis)advantages
Detlev Breyer, MD

Bernard Febrer Bowen, MD

13:48 - 13:54 LCA Discussion in Diffractive IOLs
Jerome Loicq, PhD

13:54 - 14:09 Open Discussion

SESSION V: SIMULATING AND ANTICIPATING OUTCOMES OF MULTIFOCALITY
Moderators: Daniel Neal, PhD, Susana Marcos, PhD

14:09 - 14:17 Computer Simulations
James Schwiegerling, PhD

14:17 - 14:25 Virtual Reality Simulations of Lens Outcomes
Sebastien Franssens

14:25 - 14:33 Adaptive Optics Based Clinical Simulator
Pablo Artal, PhD

14:33 - 14:41 Simultaneous Vision Simulator
Enrique Gambra, MSc

14:41 - 14:47 Ophtec: Precizion Presbyopic: From User Need to Product Design
Fred Wassenburg

14:47 - 14:53 PresbyCOR Software: What’s New Regarding Accommodation and Cerebral Plasticity?
Charles Ghenessia, MD

14:53 - 14:59 Direct IOL Staging of Multifocality Addition to Enhance Neuroadaption
George Waring IV, MD

14:59 - 15:14 Open Discussion

15:14 - 15:29 Coffee Break

SESSION VI: CORNEAL CORRECTION: ARE WE THERE YET?
Moderators: Keith Holliday, PhD, Ronald Krueger, MD

13:48 - 13:54 LCA Discussion in Diffractive IOLs
Jerome Loicq, PhD

13:54 - 14:09 Open Discussion
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The EVO+ Visian ICL is an evolution in vision correction developed for patients with larger pupils including younger patients. Based on the proven EVO Visian ICL platform (formerly CentraFLOW V4c), EVO+ Visian ICL features an expanded optic designed to achieve a higher level of vision performance.¹

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* The EVO+ Visian ICL is available in selected markets only.
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<td>15:29 - 15:35</td>
<td>Visual Recovery After Small Aperture Corneal Inlay Implantation for Correction of Presbyopia</td>
<td>Shamik Bafna, MD</td>
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<td>15:38 - 16:06</td>
<td>Correcting Presbyopia with Contact Lenses: J&amp;J 1-day Moist Multifocal Design and Performance</td>
<td>Khaled Cheheb</td>
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<td>15:35 - 15:41</td>
<td>Clinical Outcomes of the Modified Mono-Vision for Presbyopia Treatment Using Schwind PresbyMAX profile</td>
<td>Minoru Tomita, MD</td>
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<td>16:06 - 16:12</td>
<td>6-Months Clinical Outcomes of Multifocal Phakic IOL Implantation for Presbyopia Patients</td>
<td>Minoru Tomita, MD</td>
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<td>15:41 - 15:47</td>
<td>The Presbia Flexivue Microlens: USA FDA Trial Personal Results</td>
<td>Karl Stonecipher, MD</td>
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<td>16:12 - 16:18</td>
<td>Extending Depth of Focus With A Small Aperture IOL</td>
<td>Tess Huynh, MD</td>
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<td>15:47 - 15:55</td>
<td>Clinical experience with the Supracor PresbyLasik Treatment</td>
<td>Robert Ang, MD</td>
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<td>16:18 - 16:24</td>
<td>Open Discussion</td>
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<td>15:55 - 16:03</td>
<td>Raindrop Inlay: Novel Surgical Techniques and Outcomes From Around the World</td>
<td>Jodhbir Mehta, MD</td>
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<td>16:24 - 16:30</td>
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<td>PresbyLASIK Using SupraCor: 1.5 year results</td>
<td>Mohita Sharma, MD</td>
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<td>16:30 - 16:38</td>
<td>Panel Discussion: OTHER APPROACHES OF PRESBYOPIA CORRECTIONS: MONOVISION, MODIFIED MONOVISION AND CONTACT LENSES</td>
<td>Moderators: Susana Marcos, PhD, Daniel Neal, PhD</td>
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<td>Thulium Laser Keratoplasty for Hyperopia</td>
<td>Stephen Klyce, PhD</td>
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<td>Panel Discussion: MANAGING PRESBYOPIA AND ITS COMPLICATIONS: INTERESTING CASE REPORTS</td>
<td>Moderators: Ronald Krueger, MD, Satish Herekar, MS</td>
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<td>Interactive Panel Discussion</td>
<td>Joseph Ma, MD, Daniel Chang, MD, Karl Stonecipher, MD, Damien Gatinel, MD, PhD</td>
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<td>Susana Marcos, PhD, Daniel Neal, PhD</td>
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