



*A series of 9 virtual CME symposia  
(lectures, live panel discussion, audience polling, and audience Q&A in virtual break-out rooms)*

Program co-chairs: David F. Chang, Kendall Donaldson  
Program committee: Sam Garg, Kevin Miller, Vance Thompson

*Comprehensive archived program with ASCRS CME symposia  
& corporate sponsored, non-CME educational programs (live or pre-recorded)*

*Format: 9 modular symposia with 1 hour, 45 minutes of lectures and panel discussion, followed by 15-20 minutes of Q&A. Time: 11:00 AM – 1 PM EST. Symposium co-moderators are highlighted in **RED**.*

**Module 1:  
Hitting the Refractive Target – Achieving 20/20 in 2020**

**AUGUST 15**

**Doug Koch, Sam Garg**

*Pearls for hitting the spherical target, correcting astigmatism, and enhancing the refractive outcome postoperatively. Topics include biometry, IOL formulae, posterior corneal astigmatism, toric IOL calculators, astigmatic keratotomy (manual and femto), intraoperative aberrometry, digital axis alignment, and strategies for post-refractive eyes.*

Each talk 7 minutes + 4 min panel discussion

1. Biometry/keratometry – Mitch Weikert
2. IOL formulae – Warren Hill
3. Posterior corneal astigmatism and toric IOL calculators – Graham Barrett
4. Pearls/pitfalls with complex cases (keratoconus, irregular astigmatism) – Oliver Findl
5. Post-refractive eyes – Doug Koch
6. Surgical axis marking methods – Bob Osher
7. Intraoperative aberrometry – Sam Garg
8. Astigmatic keratotomy – John Rubenstein
9. Managing residual refractive error – Sonia Yoo

## Module 2:

Our Refractive IOL Armamentarium – More Choices than Ever **AUGUST 29**

**Kendall Donaldson, Terry Kim**

*Practical pearls and pitfalls for implanting different refractive IOLs (toric monofocal, trifocal/multifocal, EDOF, adjustable IOLs, and mixing IOLs).*

Each talk 7 minutes + 4 min panel discussion

1. Update on toric IOLs – Bryan Lee
2. “Blended” monofocal monovision – Francis Mah
3. Understanding diffractive IOL performance – Jack Holladay
4. EDOF – Symphony – Daniel Chang
5. EDOF – Vivivity – Terry Kim
6. Trifocal IOLs – PanOptix – Thomas Kohnen
7. Mixing presbyopia-correcting IOLs – Kendall Donaldson
8. Light adjustable IOL – John Berdahl

**Roundtable (Panel): What IOL would I choose for myself?**

## Module 3:

Patient Evaluation and Selection – the Key to Refractive IOL Success **SEPTEMBER 12**

**Steve Dell, Preeya Gupta**

*Preoperative diagnostic essentials, ocular surface evaluation and optimization, patient lifestyle assessment, and determining the best individual refractive IOL choice. Includes IOL selection for post-refractive eyes and eyes with ocular co-morbidities.*

Each talk 7 minutes + 4 min panel discussion

1. Lifestyle history – what’s important and how to elicit it? – Steve Dell
2. Psychometrics and patient selection – John Hovanesian
3. Topography – pearls & pitfalls – Bill Trattler
4. Corneal wavefront aberrometry – Yuri McKee
5. Ocular surface evaluation and tune-up – Preeya Gupta
6. Corneal pitfalls – Ed Holland
7. IOL selection for post-refractive eyes –Neda Shamie
8. Glaucoma/PXF patients – Nathan Radcliffe
9. Macular evaluation – Steve Charles

## Module 4:

### Patient Education and Counseling – Being Effective and Efficient

SEPTEMBER 26

**David Chang, Rosa Braga-mele**

*This section covers how to establish or enhance a refractive IOL practice, and how to improve communication efficiency and efficacy. What methods are used to educate? Who does the education? Pearls for explaining key concepts, and lessons learned.*

Each talk 7 minutes + 5 min panel discussion

1. Understanding refractive patient psychology – Steve Slade
2. Pre-consult and pre-operative patient education - Bill Wiley
3. Explaining presbyopia IOL correcting options – David Chang
4. Explaining monovision vs presbyopia correcting IOLs – Mitch Jackson
5. Explaining FLACS and other astigmatism options – Dee Stephenson
6. Informed consent and setting appropriate expectations – Arthur Cummings
7. Discussing costs - explaining the value proposition – Rich Tipperman
8. Effective post-op counseling –satisfying the dissatisfied – Rosa Braga-mele

**Roundtable: My Best Communication Pearls: How do I explain it (and not sound like a salesman)? - astigmatism, monovision, spectacle independence, halos, enhancements**

## Module 5:

### Practice management – The Premium IOL Practice

OCTOBER 10

**Vance Thompson, Cathy McCabe**

*Tips for practice workflow and organization that are specific to the evaluation and counseling of a refractive IOL patient. Includes pearls for “customer service”, marketing, role of office staff, and discussing handling/fees.*

Each talk 7 minutes + 4 min panel discussion

1. The Premium Refractive Cataract Practice – Vance Thompson
2. Practice principles and pearls for premium IOL patients – Cathy McCabe
3. Who provides patient education & how? – Alice Epitroupoulos
4. Preoperative planning & preparation – Kerry Solomon
5. Compliance and patient-shared billing – Kevin Corcoran
6. Out-of-pocket payment & financing – Patti Barkey (VP, ASOA)
7. Handling fees for enhancement (PRK/LASIK, IOL exchange or rotation) – John Doane
8. Incorporating Light Adjustable IOL – Robert Maloney
9. Your social “presence” – website, reviews, social media - Michael Dobkowski

## Module 6:

### Managing Complications and Patient Dissatisfaction – Taming our Worst Fears **OCTOBER 24**

**Elizabeth Yeu, Eric Donnenfeld**

*How to manage an unhappy refractive IOL patient and any refractive or surgical complications. Includes refractive enhancement, preventing/managing toric IOL rotation, IOL exchange, and capsular complications with premium IOL patients. Communication skills and helpful dialogue will be emphasized.*

Each talk 7 minutes + 4 min panel discussion

1. Evaluating the unhappy refractive IOL patient – Deepinder Dhaliwal
2. Communication pearls for unhappy/dissatisfied patients – Eric Donnenfeld
3. Toric IOL surprise (relax, zap, rotate, or exchange?) – Elizabeth Yeu
4. Capsule complications in premium IOL patients – Ike Ahmed
5. Bothersome halos & dysphotopsias – What now? – Nicole Fram
6. Poor performance with diffractive IOLs – What's the cause? – Jay Pepose
7. Decision tree: IOL exchange v YAG v 2nd eye? – Rich Hoffman
8. Managing residual refractive error – When and how? - John Vukich
9. Refractive IOL exchange – surgical pearls – Steve Safran

## Module 7:

### Adjunct Refractive Cataract Technology – What Do I Really Need? **NOVEMBER 7**

**Dick Lindstrom, Mitch Weikert**

*Non-IOL technologies are important adjuncts to a refractive cataract practice. Topics include office diagnostic testing, advances in biometry, wavefront aberrometry, femtosecond laser, Zepto capsulotomy, new microscope features, dropless medication regimens, and sustained release drug delivery technology.*

Each talk 7 minutes + 4 min panel discussion

1. Biometry - What's new? – Zaina Al-Mohtaseb
2. Corneal evaluation – What's essential? – Julie Schallhorn
3. Preop wavefront aberrometry – Do I need it? – George Waring IV
4. FLACS – What do patients want? – Audrey Tally Rostov
5. Zepto PPC – How and when? - Vance Thompson
6. Operating Microscopes – What's new? – Rob Weinstock
7. Sustained release drug delivery – Cynthia Mattossian
8. Dropless cataract surgery – Neal Shorstein

## Module 8:

### Real World Case Studies in Patient IOL Selection and Management – NOVEMBER 21

**Kevin Miller, Bonnie Henderson,**

Panel: Sumitra Khandelwal, Tal Raviv, Marjan Farid, Florian Kretz, Blake Williamson, Surendra Basti, Roberto Pineda, Naveen Rao

*Case studies for faculty panel, along with polling to engage the audience. Topics include which refractive IOL to use in a variety of controversial situations (post-refractive, ERM, KCN, mild drusen, mild glaucoma, pilots, etc), and presentation of actual cases to highlight management of dissatisfied patients or refractive surprises.*

## Module 9:

### What's ahead in 2021 and Beyond

DECEMBER 5

**David Chang, Nick Mamalis**

*2021 will likely see approval of several new refractive IOLs, and potential pharmacologic approaches to presbyopia that can be an adjunct for pseudophakic patients. Immediately sequential bilateral cataract surgery is an emerging trend in the COVID era. What are the refractive issues with this approach? Finally, this session will include updates on new presbyopia correcting IOLs, accommodating IOLs, and refractive index shaping.*

Each talk 7 minutes + 4 min panel discussion

1. ISBCS\* – Kaiser refractive outcomes and patient satisfaction – Huck Holz
2. ISBCS\* and adjustable IOLs – David Chang  
\*Immediate sequential bilateral cataract surgery (ISBCS)
3. EDOF – Synergy & EyeHance – Francesco Carones
4. Acufocus IC-8 small aperture IOL – Roger Zaldivar
5. Pharmacologic EDOF with miotics – Sheri Rowen
6. Trifocal/EDOF IOLs in pipeline - Gerd Auffarth
7. Accommodating IOL update – Liliana Werner
8. IOL refractive index shaping update – Nick Mamalis
9. A Look to the Future in Cataract and IOL Surgery – Dick Lindstrom