

Innovations in Refractive Surgery

Saturday, June 7, 2008, Course #020483

Fee: \$100.00

NAME (FIRST)	MIDDLE INITIAL	LAST	DEGREE/SPECIALTY
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PAYMENT OPTIONS:

Online: Register online and receive a \$25 course fee discount: www.clevelandclinicmed.com

Check: Payable to Cleveland Clinic Educational Foundation
Mail check and registration form to:

The Cleveland Clinic Educational Foundation,
P.O. Box 931653, Cleveland, OH 44193-1082

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INFORMATION

Disclaimer

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Faculty Disclosure

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Parking

Please park in the E. 102nd Street parking lot (in front of Cole Eye Institute). Tickets will be validated at the registration desk.

Hotel

The Cleveland Clinic has three InterContinental hotels on its campus. Phone 216.707.4200.

Information

Please contact Jane Sardelle at sardelj@ccf.org or 216.444.2010.

Americans with Disabilities

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Jane Sardelle at 216.444.2010 at least two weeks prior to the activity.

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Cole Eye Institute
CME COURSE

Innovations
in Refractive Surgery

Saturday, June 7, 2008



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Innovations in Refractive Surgery

LOCATION

Cole Eye Institute
Storer Conference Room
Cleveland Clinic Campus
2022 E. 105th Street
Cleveland, OH

COURSE DIRECTOR

Ronald R. Krueger, MD, MSE
Refractive Staff, Cole Eye Institute

COLE EYE INSTITUTE FACULTY

Karolinne Maia Rocha, MD, PhD
Refractive Fellow

Jerome Ramos-Esteban, MD
Cornea/Refractive Fellow

Steven E. Wilson, MD
Cornea/Refractive Staff

GUEST FACULTY

Jorge L. Alió, MD, PhD
Professor and Chairman Ophthalmology, Miguel Hernández University,
Medical Director, Vissum Corporation, Alicante, Spain

Randall J. Olson, MD
Professor and Chairman, Director, John A. Moran Eye Center University
of Utah School of Medicine, Salt Lake City, UT

Karl Stonecipher, MD
Medical Director for TLC, Greensboro and Co-Medical Director,
TLC Raleigh, Greensboro, NC

DESCRIPTION & OBJECTIVES

This program highlights the most notable innovations in refractive surgery in the past few years. Each of these innovations has begun to revolutionize the field of refractive surgery and, in doing so, has also begun to stir up some controversy. The program will also include debates in three controversial topics in the field, which include **vision correction** (laser vs lens), **laser vision correction** (surface ablation vs LASIK) and **presbyopia correction** (multifocality vs movement vs depth of field).

Participants should be able to indicate whether intraocular benefits outweigh the risks, whether the popular return of surface ablation outweighs the precision of IntraLASIK and whether technologies using multifocality, movement or depth of field will likely define the future presbyopia correction.

At the conclusion of the course, participants will be able to:

- 1 Describe advanced ocular imaging for precision diagnosis.
- 2 Describe Phakic IOLs for high ametropias.
- 3 Examine collagen crosslinking for keratoectasia.
- 4 Distinguish mitomycin C vs smoothing for PRK haze prevention and treatment.
- 5 Review multifocal IOLs for presbyopia correction.
- 6 Outline femtosecond lasers for safer, more uniform flaps and keratoplasty.
- 7 Identify advanced custom laser delivery and registration for aberration reduction.

Target Audience

Targeted for refractive surgeons and general ophthalmologists.

PROGRAM

7:30 am	Registration/Breakfast
8:00 am	Advanced ocular imaging for precision diagnosis: Krueger
8:20 am	Discussant: Stonecipher
8:25 am	Phakic IOLs for moderate and high myopia: Alió
8:45 am	Discussant: Dupps
8:50 am	Collagen crosslinking for keratoectasia: Krueger
9:10 am	Discussant: Olson
9:15 am	Wavefront-guided vs. wavefront-optimized LASIK: Stonecipher
9:35 am	Discussant: Wilson
9:40 am	Break
10:10 am	Pros and cons of aspheric and light adjustable IOLs: Olson
10:30 am	Discussant: Rocha
10:35 am	Mitomycin C vs. smoothing for PRK haze prevention and treatment: Wilson
10:55 am	Discussant: Stonecipher
11:00 am	Wavefront-guided vs. topographic-guided re-treatments: Alió
11:20 am	Discussant: Krueger
11:25 am	Femtosecond lasers for safer, more uniform flaps and keratoplasty: Stonecipher
11:45 am	Discussant: Alió
11:50 am	Discussion and more questions
12:00 pm	Lunch
12:45 pm	Live Surgery: Wavefront customized IntraLASIK: Krueger
1:15 pm	Discussion and questions

1:20 pm	Multifocal IOLs for presbyopia correction: Olson
1:40 pm	Lasik corneal multifocality for presbyopia correction: Alió
1:55 pm	Discussant: Dupps
Innovation For The Future: Debatable Topics	
2:00 pm	Vision correction: laser vs. lens-based surgery Can intraocular benefits outweigh the risks? Alió
2:07 pm	Debate – Laser: Stonecipher, Wilson
2:14 pm	Debate – Lens: Alió, Olson, Rocha
2:30 pm	Laser vision correction: surface ablation vs lamellar surgery. What innovations would facilitate one over the other? Stonecipher
2:37 pm	Debate – Surface: Olson, Ramos-Esteban, Wilson
2:43 pm	Debate – Lamellar: Alió, Stonecipher
3:00 pm	Break
3:20 pm	Presbyopia correction: Multifocality vs. movement vs. depth of field. What form of pseudo accommodation is best? True accommodation is the gold standard: Krueger
3:27 pm	Multifocality: Olson
3:32 pm	Movement and depth of field: Alió
3:37 pm	Debate with Discussant Points: A. Quality of vision – sacrifice of aberrations B. Simplicity of delivery – cost, speed, minimally invasive C. Stability of effect – regression vs repeatability D. Safety from complication – risk of visual loss (acuity vs performance) E. Practicality for widespread acceptance – safe, effective, simple
4:00 pm	Adjournment