



STATE BOARD OF OPTOMETRY
 2450 DEL PASO ROAD, SUITE 105, SACRAMENTO, CA 95834
 P (916) 575-7170 F (916) 575-7292 www.optometry .ca.gov



Continuing Education Course
 Approval Checklist

Title:

Provider Name:

- Completed Application
 - Open to all Optometrists? Yes No
 - Maintain Record Agreement? Yes No
- Correct Application Fee
- Detailed Course Summary
- Detailed Course Outline
- PowerPoint and/or other Presentation Materials
- Advertising (optional)
- CV for EACH Course Instructor
- License Verification for Each Course Instructor
 - Disciplinary History? Yes No



February 1, 2017

California State Board of Optometry
2450 Del Paso Road, Suite 105
Sacramento, CA 95834

Dear California State Board of Optometry,

Re: Returned CE Course Approval Request - Potpourri of Corneal Cases

This letter serves to furnish the items requested after preliminary review of my initial application.

A sincere effort was made to submit the initial application 45 days in advance of the presentation date; however, I did not receive the presentation materials from Dr. Neda Shamie within an acceptable time frame. That said, I waited to mail the entire CE application packet until I was in possession of all presentations for the Kaiser Permanente 2017 Optometry Symposium. In the future, I will be more stringent with each instructor to ensure I have all necessary materials well in advance of the symposium date.

Additionally, there was a misunderstanding of the CE Course Approval Application process as I was unaware of the requirement that the application be submitted electronically and not by mail. Moving forward, I am now clear of the requirements and will submit future applications via email.

If you have any questions, please feel free to contact me at (626) 405 – 4648 or by email jennifer.n.iacuaniello@kp.org.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer Iacuaniello".

Jennifer Iacuaniello

\$350 Paid for the 7 Courses

BUSINESS, CONSUMER SERVICES, AND HOUSING AGENCY

Cashiering and Board Use Only			
Receipt #	Payor ID	Beneficiary ID	Amount
1-2257	6423127	882855	50



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CONTINUING EDUCATION COURSE APPROVAL APPLICATION

\$50 Mandatory Fee

Pursuant to California Code of Regulations (CCR) § 1536, the Board will approve continuing education (CE) courses after receiving the applicable fee, the requested information below and it has been determined that the course meets criteria specified in CCR § 1536(g).

In addition to the information requested below, please attach a copy of the course schedule, a detailed course outline and presentation materials (e.g., PowerPoint presentation). Applications must be submitted 45 days prior to the course presentation date.

Please type or print clearly.

Course Title Potpourri of Corneal Cases	Course Presentation Date 02/11/2017
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Course Provider Contact Information

Provider Name Jennifer (First) Iacuniello (Last) Nami (Middle)		
Provider Mailing Address Street 393 E. Walnut, 1st Fl City Pasadena State CA Zip 91188		
Provider Email Address <u>jennifer.n.iacuniello@kp.org</u>		
Will the proposed course be open to all California licensed optometrists?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Do you agree to maintain and furnish to the Board and/or attending licensee such records of course content and attendance as the Board requires, for a period of at least three years from the date of course presentation?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

Course Instructor Information

Please provide the information below and attach the curriculum vitae for each instructor or lecturer involved in the course. If there are more instructors in the course, please provide the requested information on a separate sheet of paper.

Instructor Name Neda (First) Shamie (Last) (Middle)		
License Number <u>71544</u>	License Type <u>Physician and Surgeon A</u>	
Phone Number <u>(310) 229-1220</u>	Email Address <u>nedashamiemd@gmail.com</u>	

I declare under penalty of perjury under the laws of the State of California that all the information submitted on this form and on any accompanying attachments submitted is true and correct.

Jennifer Iacuniello
Signature of Course Provider

1.5.17
Date



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WELCOME!

Please join us at this informative conference for Kaiser Permanente optometrists, opticians and other interested health care professionals. This event will provide a congenial atmosphere to exchange ideas and learn from notable experts in optometry and related fields.

Madhu Chawla, OD
Chairperson, Optometry Symposium Committee

DATE & LOCATION

Saturday, February 11, 2017

[The Waterfront Beach Resort, A Hilton Hotel](#)
21100 Pacific Coast Highway
Huntington Beach, CA 92648
(714) 845 - 8000

AGENDA

Download the symposium agenda

FACULTY

[Click here to meet the faculty](#)

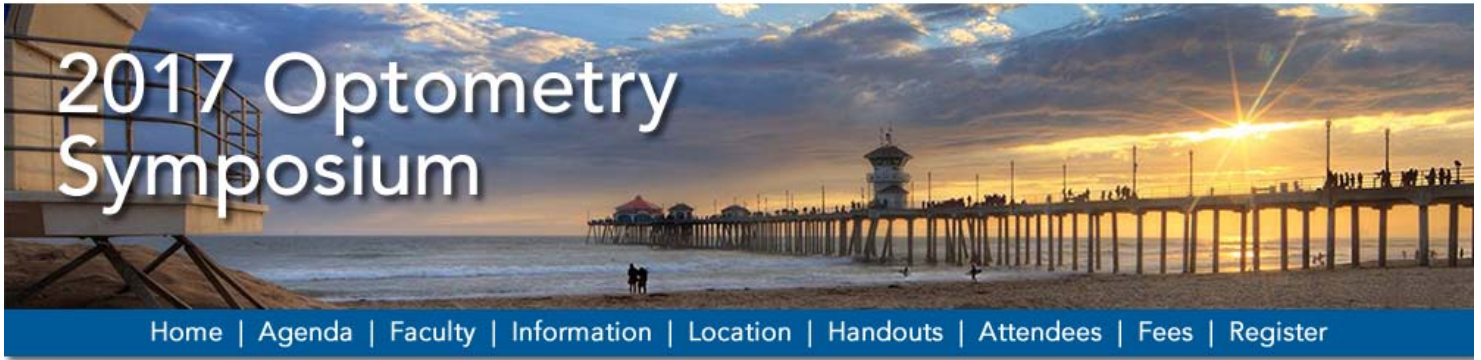
SOCIAL MEDIA

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Reminder

Name badges will no longer be printed.
Please bring your Kaiser Permanente issued badge for identification.



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LEARNING OBJECTIVES

At the end of this activity, participants should be able to:

1. Enhance their knowledge surrounding the treatment and management of glaucoma
2. Co-manage patients with corneal disorders
3. Be informed and learn about new diagnostic technology available for patient care for the treatment and management of glaucoma and corneal disorders
4. Gain a better understanding of treatment options available for anterior segment disorders
5. Enhance knowledge of systemic disease as it applies to eye care
6. Reinforce knowledge of the standard of care within the profession and optimize care delivery

TARGET AUDIENCE

Optometrists, Ophthalmologists, Opticians and any other interested health care professionals

ACCREDITATION

Optometrists – California State Board of Optometry approval pending.

PERSONS WITH DISABILITIES

In compliance with the Americans with Disabilities Act, all reasonable efforts will be made to accommodate persons with disabilities at the meeting. If you have any special dietary or accommodation needs, please notify the meeting planner listed, prior to the symposium at (626) 405-4648 or tie-line 8-335-4648. This advance notice will help us serve you better.



2017 Optometry Symposium

Saturday, February 11, 2017

Agenda

7:00 am	Registration and Breakfast
7:50 am	Welcome and Introductions
8:00 am	Potpourri of Corneal Cases Neda Shamie, MD
8:50 am	Corneal Dystrophies and Pathology Neda Shamie, MD
9:40 am	Morning Break
10:00 am	Systemic and Medical Jeopardy David Sendrowski, OD
10:50 am	Viral Infections of the Anterior Segment David Sendrowski, OD
11:40 am	OD of the Year
11:50 am	Lunch
12:50 pm	Lessons Learned as a Malpractice Consultant Andrew Mick, OD
2:30 pm	Afternoon Break
2:40 pm	The Other Glaucoma Andrew Mick, OD
3:30 pm	Enlarged Optic Nerve Cupping Andrew Mick, OD
4:20 pm	Closing Comments and Raffle

Agenda is subject to change

Course: Potpourri of Corneal Cases

Speaker: Neda Shamie, MD

Time: 8:00 am – 8:50 am

CE Requested: 1 Hour

Summary: Ocular surface disease is a combination of a variety of ocular surface disorders which result in a plethora of symptoms and clinical signs. This lecture will present six different patients to provide new insight into ocular surface disorders. Common treatment and management options will also be covered.

Topical Outline

1. Case 1
 - a. 52 years old
 - b. Blurry Vision
 - c. Cataracts
 - d. Irregular Topography
 - e. BMD: Management
2. Case 2
 - a. 56 years old
 - b. Glaucoma
 - c. Burning of Eyes
 - d. Decreased Vision
 - e. BAK Toxicity
3. Case 3
 - a. Chronic Allergic Contact Blepharo-conjunctivitis
 - b. Multiple Eyedrops
 - c. Itching
 - d. Patch Testing
 - e. Delayed Type IV Hypersensitivity
4. Case 4
 - a. 58 years olds
 - b. Contact Lens Wearer
 - c. Contact Lens Related Limbal Stem Cell Deficiency
 - d. Treatment
 - i. Restasis BID
 - ii. Punctal plugs
 - iii. PROSE treatment

5. Case 5
 - a. 28 years old
 - b. LASIK
 - c. Worsening Vision
 - d. Change in Refraction OD
 - e. Nodular Keratopathy
 - f. Nodular Keratectomy
6. Case 6
 - a. 56 years old
 - b. Chronic Dry Eye
 - c. Chronic Blepharitis
 - i. Treatment Options
 - d. Cylindrical Dandruff
 - i. Demodex Blepharitis
 - ii. Tea Tree Oil Treatment

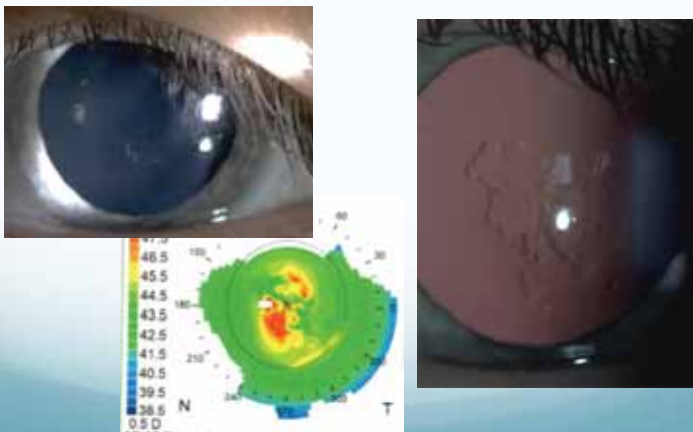
Ocular Surface Disease: A Potpourri of Cases

Neda Shamie, MD
Advanced Vision Care
Los Angeles, CA

Case 1: Patient Presentation

- 52 yo female complaining of “blurry” vision for the last year
- Told she has cataracts and scheduled for surgery with implantation of a multifocal lens
- Wants a second opinion

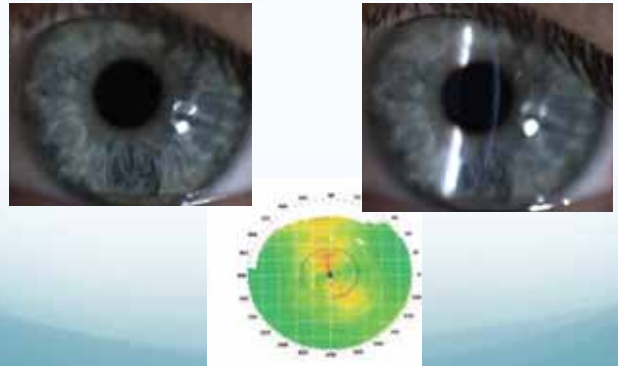
Map dot fingerprint changes with irregular topography



BMD: Management

Epithelial debridement +/- diamond burr

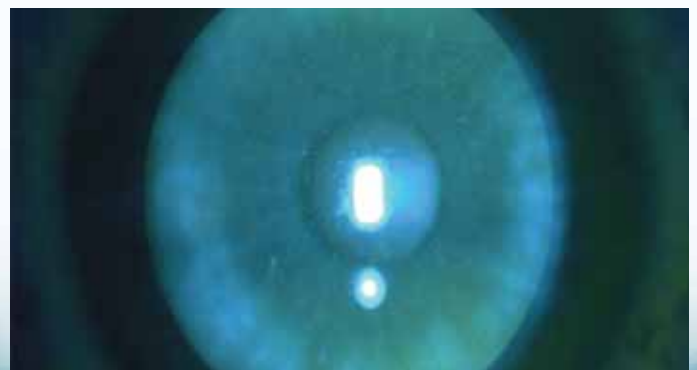
VA 20/20...no need for CE/IOL



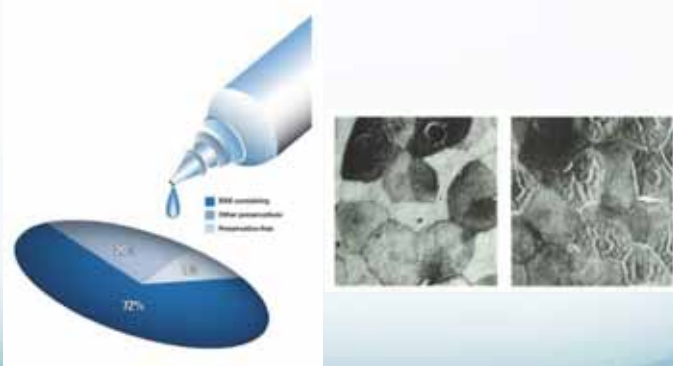
Case 2

- 56 yo with long standing glaucoma
- Complaining of burning of his eyes and decreased vision

Diffuse PEK: BAK toxicity



BAK toxicity



BAK toxicity treatment

- Preservative free glaucoma meds
- Topical cyclosporine 0.05%
- Avoid punctal occlusion
- Treat lid margin and evaporative tear disease
- To consider SLT or MIGS

Case 3: Chronic Allergic Contact Blepharo-conjunctivitis



- Patient on multiple eyedrops for two years
- c/o recent itching/irritation/redness
- How do we determine cause?

In Office Patch Testing



Delayed Type IV Hypersensitivity

48 hours later



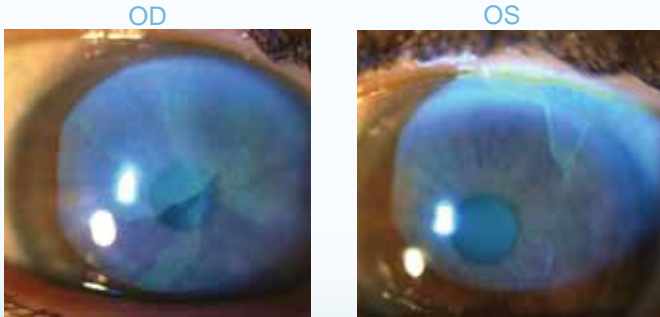
72 hours later



Case 4

- 58 yo female
- CTL user for 40 years, soft for the past 20
- c/o chronic inflammation, irritation and gradual decrease in vision over last 7 months
- Contact lenses feel as though they "stick" to the eye
- Otherwise healthy, postmenopausal, no HRT
- Refractory to aggressive AT use
- VA 20/100 od, 20/80 os

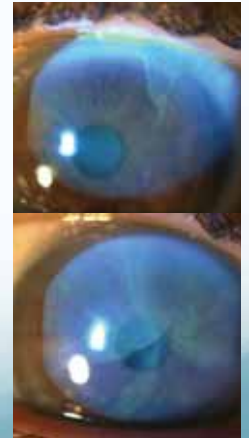
Presentation



Irregular epithelium with whorls extending from the limbus
Delayed epithelial fluorescein staining
Loss of limbal structures adjacent to these areas

Contact lens related limbal stem cell deficiency: A serious problem

- Contact lens overuse or use in the setting of tear film dysfunction can result in serious ocular surface sequelae
- Important to evaluate and monitor the corneal surface, tear film and lid margin in contact lens users



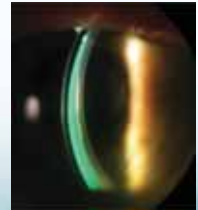
Treatment

- Improved with optimization of tear film
 - No more soft contact lens
 - Epithelial scraping and AMG
 - Topical cyclosporine (Restasis) over prolonged period
 - Topical mild steroids (Lotemax gel) short term
 - Autologous serum
 - Punctal plugs
- But still with fluctuating vision, ocular irritation and dryness



Maximal Treatment

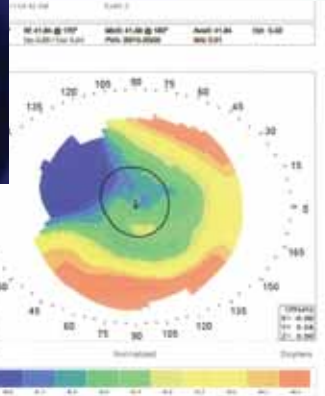
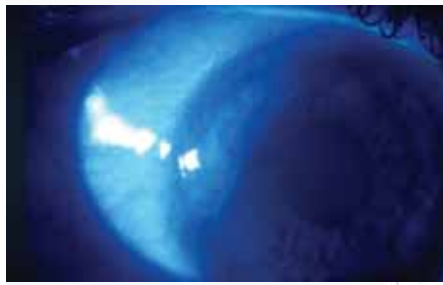
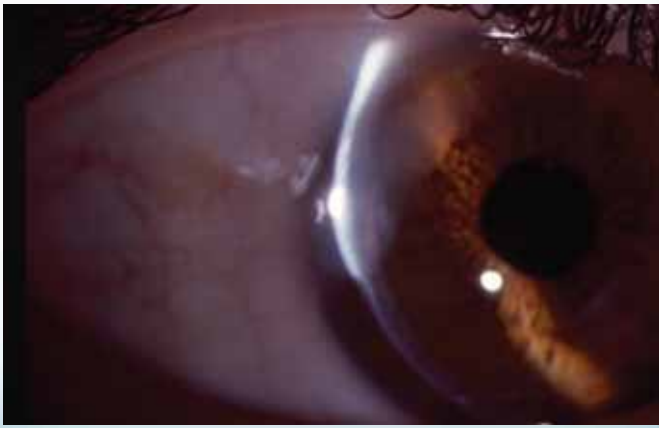
- Restasis BID
- Punctal plugs
- PROSE treatment
- VA improved with the PROSE treatment and maintained with above treatment:
 - 20/25 OD, 20/20 OS



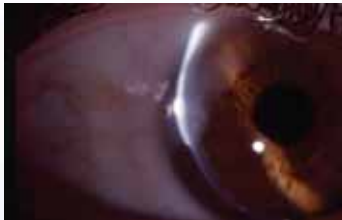
Case 5

- 28 y.o. white female 3 years s/p LASIK reports gradually worsening vision and change in refraction OD
 - UCVA OD 20/50, OS 20/20
 - OD: -2.25 + 0.75 x 180 → 20/25





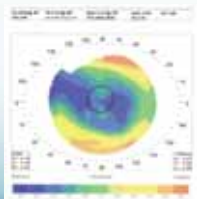
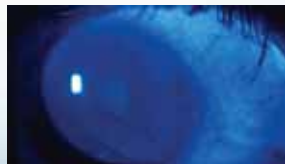
- Clinical diagnosis?
- “Should I have known that I was at risk for this condition?”



- Nodular Keratopathy
- on further examination....



- 3 months s/p nodular keratectomy
 - UCVA 20/20
 - lubrication
 - Tear film optimization
 - follow



Case 6: Patient presentation

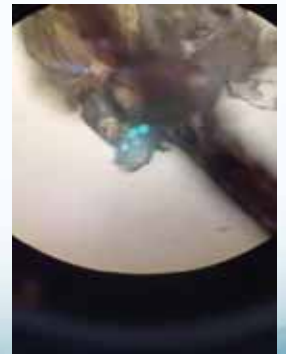
- 56 yo woman with chronic severe dry eyes, and blepharitis
- c/o burning, itching, redness, and poor vision which has worsened over the last two years
- Has seen specialists and have tried “everything” without help
- No response to oral doxy, topical steroids, lid scrubs, restasis, warm compresses, omega 3s, etc

Chronic blepharitis

- Treatment options:
 - Oral tetracyclines
 - Lid scrubs
 - Warm compresses
 - Lipiflow
 - Punctal probing
 - Topical antibiotics
- Are we missing anything?



On closer look.....



Are you feeling an itch yet?



Cylindrical Dandruff in Demodex Blepharitis

- Cylindrical dandruff is diagnostic for Demodex



Coston 1967; Gao et al, IOVS 46:3089, 2005

Demodex Blepharitis is Frequently Associated with Conjunctival Inflammation

Consider Demodex as a possibility when you see blepharitis with conjunctival inflammation



Gao et al, *Cornea*, 26:136, 2007; Kheirkhah et al, *AJO*, 143:743, 2007

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Treatment: Tea Tree Oil

- TTO is the essential oil steam distilled from the Australian plant *Melaleuca alternifolia*
- Called a “medicine cabinet in a bottle”-effective against bacteria, fungi, and viruses and stimulates the immune system
- For the eyes, can use TTO diluted 30/70 with almond or macadamia oil to avoid toxicity or use Cliradex®



Thank you!



NedaShamieMD@gmail.com
c: 503-866-3116

NEDA SHAMIE, M.D.

2080 Century Park East, Suite 911, Los Angeles, CA 90067

Office 310-229-1220 • Cell 503.866.3116

E-mail NedaShamieMD@gmail.com

EMPLOYMENT

- 2003 – 2004 **University of California, Irvine**
Assistant Clinical Professor of Ophthalmology
- 2005 – 2006 **The Portland Clinic, Portland, OR**
Ophthalmic Surgeon on Staff
- 2006 – 2010 **Devers Eye Institute, Portland, OR**
Associate Director
Cornea Services
- 2010 – 2015 **USC-Keck School of Medicine**
Associate Professor of Ophthalmology
Division of Corneal and Anterior Segment Surgery
USC Eye Institute
- 2010 – 2015 **USC Eye Center, Beverly Hills, CA**
Medical Director
- 2015 – present **Advanced Vision Care, Los Angeles, CA**
Ophthalmic Surgeon

EDUCATION

- 1990 – 1994 **University of California, Los Angeles**
Bachelor of Science, Summa cum laude
- 1994 – 1998 **University of California, San Francisco**
Medical Degree
- 1998 – 1999 **UCLA-HARBOR Medical Center**
Department of Internal Medicine
Internship and Residency
- 1999 – 2002 **University of California, Irvine**
Department of Ophthalmology
Residency
- 2002 – 2003 **University of California, Irvine**
Department of Ophthalmology
Fellowship, Cornea, Anterior Segment & Refractive Surgery
Mentor: Peter J. McDonnell, M.D.

HONORS

1993	Golden Key Honors Society
1994	<i>Summa cum laude</i>
1994	Dean's Honors List
1994	Departmental & College Honors
1994	Phi Beta Kappa Honors Society
1994	Senior Honors Thesis

PROFESSIONAL POSITIONS

2010-present	Eye Bank Association of America Vice-Chairperson, Accreditation Committee
2010-present	American Academy of Ophthalmology Committee Member, Eye Banks Committee
2011-present	American Academy of Ophthalmology Program Committee Member
2011-2011	American Society of Cataract and Refractive Surgeons Cornea Clinical Committee Member
2012-present	Tissue Bank International Doheny Eye Bank Medical Director
2012-2015	American Academy of Ophthalmology Basic & Clinical Science Course Editing Committee
2012-present	Los Angeles Ophthalmological Society Treasurer
2013-present	Los Angeles Research Study Club Board Member
2013-present	Los Angeles Ophthalmological Society Vice President
2014-present	Los Angeles Ophthalmological Society President

2014-present Eye Bank Associate of America
Scientific Program Chair

2014-2015 USC Eye Institute
Director of Ophthalmology Education

PROFESSIONAL MEMBERSHIPS

American Academy of Ophthalmology
American Society of Cataract and Refractive Surgery
Association for Research in Vision and Ophthalmology
American Medical Association
Castroviejo Corneal Society
Cornea Society
Los Angeles Ophthalmological Society
Los Angeles Research Study Club
Oregon Academy of Ophthalmology
International Endothelial Keratoplasty Group
Iranian Medical Association

COURSE DIRECTORSHIP

Advanced Lamellar Corneal Surgery: Skills Transfer Course
November 2007
AAO New Orleans
Course Co-Director

Thorny Issues in Ophthalmology: Focus on Cornea Diseases
September 2008
Portland, Oregon
Course Director

Endothelial Keratoplasty (DSEK/DSAEK/DLEK): Current Strategies to Improve Results and Avoid Complications
November 2008
AAO Atlanta
Course Co-Director

Deep Anterior Lamellar Keratoplasty (DALK) Training Course
April 2009
Portland, Oregon
Course Co-Director

Endothelial Keratoplasty: A Simple and Safe Technique (Skills Transfer Course)

April 2009
ASCRS San Francisco
Course Co-Director

Endothelial Keratoplasty Techniques: Skills Transfer Course

October 2009
AAO San Francisco
Course Co-Director

Endothelial Keratoplasty: Current Strategies to Improve Results and Avoid Complications

October 2009
AAO San Francisco
Course Co-Director

Advances in Cornea Surgery: Decisions and Dilemmas in a Changing Field

May 2013
Santa Monica
Course Director

DMEK for the Novice Surgeon: Pearls and Pitfalls

October 2013
AAO
Course Director

Endothelial Keratoplasty: A Simple and Safe Technique (Skills Transfer Course)

April 2014
ASCRS
Course Co-Director

REVIEWER FOR SCIENTIFIC PUBLICATIONS

- ❖ **Ophthalmology**
- ❖ **Cornea**
- ❖ **Journal of Cataract and Refractive Surgery**
- ❖ **American Journal of Ophthalmology**

PEER REVIEWED MANUSCRIPTS

Zhang Y, **Shamie N**, Daneshmand S. Assessment of Urologists' Knowledge of Intraoperative Floppy Iris Syndrome. *Urology*. 2016 Jul 21. pii: S0090-4295(16)30438-1

Ziaei M, Barsam A, **Shamie N**, Vroman D, Kim T, Donnenfeld ED, Holland EJ, Kanellopoulos J, Mah FS, Randleman JB, Daya S, Güell J. Reshaping procedures for the surgical management of corneal ectasia. *ASCRS Cornea Clinical Committee J Cataract Refract Surg*. 2015 Apr;41(4):842-72.

- Mah FS, Davidson R, Holland EJ, Hovanesian J, John T, Kanellopoulos J, **Shamie N**, Starr C, Vroman D, Kim T. Current knowledge about and recommendations for ocular methicillin-resistant Staphylococcus aureus. ASCRS Cornea Clinical Committee. J Cataract Refract Surg. 2014 Nov;40(11):1894-908.
- Terry MA, Straiko MD, Goshe JM, **Shamie N**, Shah A, Alqudah AA, Davis Boozer D. Endothelial keratoplasty: prospective, randomized, masked clinical trial comparing an injector with forceps for tissue insertion. Am J Ophthalmol. 2013 Jul;156(1):61-68.
- JY, Terry MA, Goshe J, Davis-Boozer D, **Shamie N**. Three Year visual outcomes after DSEK. Ophthalmology 2012 June;119:1126-9.
- Li JY, Terry MA, Goshe J, **Shamie N**, Davis-Boozer D. Graft rejection after DSEK: graft survival and endothelial cell loss. Ophthalmology 2012 Jan;119:90-4.
- Goshe J, Terry MA, **Shamie N**, Li J. Ophthalmic viscosurgical device-assisted incision modification for the big bubble technique in deep anterior lamellar keratoplasty. J Cataract Refract Surg. 2011 Nov;37:1923-7.
- Straiko MD, Terry MA, **Shamie N**. Descemet stripping automated endothelial keratoplasty under failed penetrating keratoplasty: a surgical strategy to minimize complications. Am J of Ophthalmology 2011 Feb;151(2):233-7.
- Terry MA, **Shamie n**, Straiko MD, Friend DJ, Davis-Boozer D. Endothelial keratoplasty: the relationship between donor tissue storage time and donor endothelial survival. Ophthalmol 2011 Jan.;118(1):36-40.
- Hayes DD, Shih CY, **Shamie N**, Terry MA, Price FW, Price MO, Ritterband DC, Hannush SB, Gorovoy MS, Weisenthal RW, Ritch R, Liebmann JM, Udell IJ. Spontaneous reattachment of Descemet stripping endothelial keratoplasty lenses: a case series of 12 patients. Am J of Ophthalmol 2010 Dec; 150(6);790-7.
- Chen ES, Phillips PM, Terry MA, **Shamie N**, Friend D. Endothelial cell damage in descemet stripping automated endothelial keratoplasty with the underfold technique: 6 and 12 month results. Cornea 2010 Sep;29(9);1022-4.
- Straiko MD, **Shamie N**, Terry MA. Endothelial keratoplasty: past, present and future directions. International Ophthalmol Clinics 2010; 50(3);123-35.
- Shah AK, Terry MA, **Shamie N**, Chen ES, Phillips PM, Hoar KL, Friend DJ, Davis-Boozer D. Complications and Clinical Outcomes of DSAEK with intraocular lens exchange. Am J Ophthalmol 2010 Mar; 149(3):390-7.
- Phillips PM, Terry MA, **Shamie N**, Chen ES, Hoar KL, Dhoot D, Shah AK, Friend DJ. Descemet's Stripping Automated Endothelial Keratoplasty (DSAEK) in Eyes with Previous Trabeculectomy and Tube Shunt Procedures: Intra-operative and early post-operative complications. Cornea 2010 May;29(5):534-40.
- Chen ES, Terry MA, **Shamie N**, Friend DJ. Endothelial Keratoplasty: Endothelial Cell Loss after Deep Lamellar Endothelial Keratoplasty with Retention of an Anterior Chamber Intraocular Lens. Cornea 2010 Feb; 29(2):162-6.
- Terry MA, Saad HA, **Shamie N**, Shah AK. Peripheral endothelial cell damage after trephination of donor tissue. Cornea 2009 Dec; 28(10):1149-52.

Terry MA, **Shamie N**. Avoiding eccentric trephination. *Ophthalmol* 2009 Dec. 116(12):2481-2.

Phillips PM, Terry MA, **Shamie N**, Chen ES, Hoar KL, Stoeger C, Friend DJ. Descemet's stripping automated endothelial keratoplasty (DSAEK) Using Corneal Donor Tissue Not Acceptable for Use in Penetrating Keratoplasty due to anterior stromal scars, pterygia, and previous corneal refractive surgeries. *Cornea*. 2009 Sep;28(8):871-6.

Chen ES, Terry MA, **Shamie N**, Phillips PM. Busin Glide vs Forceps in DSAEK: Not All Forceps Insertions are Created Equal. *Am J Ophthalmol*. 2009 Jul;148(1):175;

Chen ES, Terry MA, **Shamie N**, Hoar KL, Friend DJ. The Stability of Hyperopic Refractive Shift Following Descemet's Stripping Automated Endothelial Keratoplasty. *J Cataract Refract Surg*. 2009 Aug;35(8):1473

Chen ES, Terry MA, **Shamie N**, Hoar KL, Phillips PM, Friend DJ. Endothelial Keratoplasty: A Comparative Case Series of Fellow Versus Attending Surgeon Utilizing an Established Technique. *Am J Ophthalmol*. 2009 Jul;148(1):26-31.

Chen ES, Terry MA, **Shamie N**, Phillips PM, Friend DJ. Management of pseudophakic bullous keratopathy by combined Descemet-stripping endothelial keratoplasty and intra-ocular exchange. (Letter) *J Cat Refract Surg* 2009

Nguyen VT, Hwang TN, **Shamie N**, Chuck RS, McCulley TJ. Amyloidosis-associated neurotrophic keratopathy precipitated by overcorrected blepharoptosis. *Cornea*. 2009 Jun;28(5):575-6.

Chen ES, Terry MA, **Shamie N**, Phillips PM. Retention of host embryonic Descemet's membrane in endothelial keratoplasty. *Cornea*. 2009 Apr;28(3):351-3.

Chen ES, Terry MA, **Shamie N**, Hoar KL, Phillips PM, Friend DJ. Endothelial Keratoplasty: Endothelial survival and complications in a comparative case series of fellow vs. attending surgeon. *Am J Ophthalmol*. 2009 Jul;148(1):26-31.e2. Epub 2009 Apr 17.

Terry MA, **Shamie N**, Chen ES, Phillips PM, Shah AK, Hoar KL, Friend DJ. Endothelial keratoplasty for Fuchs' dystrophy with cataract: Complications and clinical results with the new Triple Procedure. *Ophthalmology* 2009 Apr;116(4):631-9.

Chen ES, Terry MA, **Shamie N**, Phillips PM, Friend DJ. Retention of an anterior chamber IOL versus IOL exchange in endothelial keratoplasty. *J Cataract Refract Surg*. 2009 Apr;35(4):613.

Terry MA, Saad HA, **Shamie N**, Chen ES, Friend DJ, Holiman JD, Stoeger C. Endothelial Keratoplasty: The influence of insertion techniques and incision size on donor endothelial survival. *Cornea* 2009; 28:24-31.

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Shamie N, Phillips PM, Terry MA. Corneal endothelial replacement: Long-term outcomes and future prospects. Contemporary Ophthalmology 2008; 7:1-8.

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INVITED LECTURES

- *Ocular Surface Tumors*

Resident Clinical Lectures
Casey Eye Institute
Portland, OR
September 2007

- *Deep Anterior Lamellar Keratoplasty*

- *Endothelial Keratoplasty: a selective approach to corneal endothelial disease*

Pacific Coast Oto-Ophthalmological Society
San Diego, CA
June 2008.

- *Advanced Cataract Surgery*

Complementary Ophthalmic Resident's Education
San Diego, CA
September 2008.

- *Iris Defects: surgical repair options*

- *Limbal Stem Cell Transplants and Amniotic Membranes: challenges we face*

- *Corneal Conundrums*

Thorny Issues
Portland, OR
September 2008

- *Endothelial Keratoplasty: historical perspective and forward momentum (keynote lecture)*

- *DMEK: the next frontier in EK surgery*

- *Refractive Surgery and Dry Eyes*

- *Corneal complications of cataract surgery: recognition and treatment*

Iranian Ophthalmological Congress
Tehran, Iran
November 2009.

- *Permanent Keratoprosthesis: a much needed alternative*

- *Ocular Surface Disease: current diagnostic and treatment options*

- *Advanced endothelial keratoplasty: when extreme measures are needed*

Hawaiian Ophthalmological Society Annual Meeting
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MEDIA COVERAGE

First Keratoprosthesis Surgery in the State of Oregon
News coverage on CNN, Good Morning America & local news channels
May 2009

“A new vision for Wheeler man after Oregon’s first artificial corneal transplant”
Featured Story
The Oregonian Newspaper
May 2009

“Pride of Community”
Cover Story
Javanan International Iranian Magazine
June 2009

Iranian Political Affairs – Panelist
Straight Talk
KOIN Channel 8
June 2009

Triumphs of a Professional Mother
Featured Story
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“Eye Surgeon Gains New Outlook”
Featured Story
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January 2010

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PROFESSIONAL LICENSURE

DEA: BS7059454

CA Lic: A71554

OR Lic: MD25952 - *inactive*

FOREIGN LANGUAGES SPOKEN

Spanish, Farsi (Persian)