GLAUCOMA UPDATE
in the Sonoma Wine Country

September 15-16, 2017

COURSE CHAIRS
Shan C. Lin, MD
Professor of Ophthalmology
Director of Glaucoma Service
University of California San Francisco
Director of Glaucoma Service
San Francisco General Hospital

John R. Samples, MD
Clinical Professor at Rocky Vista University,
Parker, CO; Private Practices in Olympia, WA
and Portland, OR; Director, Western
Glaucoma Foundation, Portland, OR

DoubleTree by Hilton
Sonoma Wine Country
Rohnert Park, California
The Glaucoma Update is intended to assist practicing general ophthalmologists improve their ability to treat glaucoma by providing clinical and evidence-based updates in an intimate setting conducive to learning.

Based on discussions with UCSF faculty and practicing physicians at other institutions, the course presents topics based on physician-identified need for practice-based knowledge and application of the most recent advances.

An attendee completing this course should be able to:

- Incorporate new techniques and treatment strategies in the management and treatment of glaucoma;
- Incorporate best available evidence and recent clinical research to improve patient assessment and treatment approaches;
- Improve clinical confidence through application of recent advances in ophthalmology;
- Assess the pros and cons of implementing new “minimally invasive” glaucoma surgical techniques into both glaucoma and general practice;
- Improve ability to consult with colleagues and patients regarding future and controversial developments in glaucoma care including new drugs and devices as well as the use of gene therapy and stem cell transplants;
- Enhance the accuracy of clinical examination of patients by implementing methods for successfully obtaining accurate intraocular pressures in glaucoma patients.

**OBJECTIVES**

**ACCREDITATION**

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 13.00 AMA PRACategory 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRACategory 1 Credit™ issued by organizations accredited by the ACCME.

Physician Assistants: AAPA accepts AMA PRACategory 1 Credit™ for organizations accredited by the ACCME.
FRIDAY, SEPTEMBER 15, 2017
7:15 am  Registration & Continental Breakfast
8:00 am  Welcome  John R. Samples, MD
8:05  Introduction of Speakers, Housekeeping  Shan C. Lin, MD

INNOVATIONS IN MEDICAL THERAPEUTICS
8:10  New Glaucoma Drugs in Clinical Development  John R. Samples, MD
8:30  Promising Preclinical Drugs  John R. Samples, MD
8:45  Marijuana: Is There a Role in Glaucoma?  Sunita Radhakrishnan, MD
9:00  Discussion

ADVANCES IN DRUG DELIVERY
9:10  Intraocular Sustained Release: Where Are We Now?  John R. Samples, MD
9:30  Extraocular Delivery Modalities: Coming Soon  Sriranjani Padmanabhan, MD
9:50  Discussion

LATEST IN DIAGNOSTICS
10:30  What Change in Visual Field Rate is Clinically Relevant?  Joseph Caprioli, MD
10:50  Diagnostic and Therapeutic Challenges in Co-Existing Glaucoma and Myopia  Sarwat Salim, MD
11:10  The Role of OCT in Early Glaucoma  Shan C. Lin, MD
11:25  Angle Assessment: Goniscopy vs. Imaging  Sunita Radhakrishnan, MD
11:45  Discussion
12:00 pm  Lunch (on your own)

PRESSURE: IT’S JUST A NUMBER, RIGHT?
1:15  IOP Fluctuation: Is That Important?  Joseph Caprioli, MD
1:35  24 Hour IOP and Glaucoma Progression  Sriranjani Padmanabhan, MD
1:50  Different Ways to Measure IOP  Sarwat Salim, MD
2:05  Discussion

ANGLE CLOSURE, NORMAL TENSION AND SECONDARY GLAUCOMAS
2:15  Managing Primary Angle Closure  Sunita Radhakrishnan, MD
2:30  Normal Tension Glaucoma Revisited  Kuldev Singh, MD, MPH
2:45  Management of Neovascular Glaucoma  Sarwat Salim, MD
3:00  Surgical Management of Uveitic Glaucoma  Shan C. Lin, MD
3:15  Discussion
3:25  Coffee Break

PEARLS FROM GLAUCOMA RESEARCH
3:45  Will We Have a Genetic Test?  John R. Samples, MD
4:00  Heat Shock, Crystallins, and Glaucoma  Joseph Caprioli, MD
4:20  What We’ve Learned from Clinical Trials  Kuldev Singh, MD, MPH
4:35  Glaucoma as a Disease of Premature Cellular Senescence  Joseph Caprioli, MD
4:50  Discussion
5:00 pm  Adjourn
SATURDAY, SEPTEMBER 16, 2017

7:30 am  Continental Breakfast

8:00 am  Housekeeping Items

THE NEW MIGS: NOW AND IN THE HORIZON
8:10  MIGS: Why the Future is Bright  Kuldev Singh, MD, MPH
8:50  Trabs: How to Make Them Better and Safer Than Tubes  Joseph Caprioli, MD

9:10  Discussion

LASER THERAPY: IS IT EFFECTIVE?
9:20  Latest Development in Cyclophotocoagulation  Shan C. Lin, MD
9:40  Trabeculoplasty: How Does It Work and Does It Work?  John R. Samples, MD

10:00  LPI and Iridoplasty in my Practice  Sunita Radhakrishnan, MD
10:20  Discussion
10:30  Coffee Break

CATARACT AND REFRACTIVE SURGERY IN GLAUCOMA
11:00  Glaucoma and Refractive Surgery  Sarw at Salim, MD
11:15  When Do I Do Phaco for Glaucoma?  Thomas W. Samuelson, MD
11:30  Cataract Surgery Tips in Glaucoma Patients  Joseph Caprioli, MD
11:50  Discussion
12:00 pm  Lunch (on your own)

VIDEO SECTION: SURGICAL TRICKS AND COMPLICATIONS
1:30  TRAB: Tricks of the Trade  Joseph Caprioli, MD
1:50  The Complication I’d Like to Forget  Sriranjani Padmanabhan, MD
2:15  Tricks to Making Your MIGS Work  Thomas W. Samuelson, MD
2:35  Discussion

CASE PRESENTATIONS - MY MOST INTERESTING CASE FROM THE PAST YEAR
2:50  Case #1  Shan C. Lin, MD
3:05  Case #2  Kuldev Singh, MD, MPH
3:20  Case #3  Marisse Masis, MD  (Dr. Lin's Fellow)

3:35  Discussion
3:45  Coffee Break
4:15  Cases Presented by Audience  All Faculty
5:00 pm  Course Adjourns

COURSE CHAIRS
Shan C. Lin, MD  Professor of Ophthalmology
Director of Glaucoma Service
University of California
San Francisco

John R. Samples, MD  Clinical Professor at Rocky Vista University
Parker, CO; Private Practices in Olympia, WA and Portland, OR; Director, Western Glaucoma Foundation, Portland, OR

COURSE FACULTY
Joseph Caprioli, MD
David May II Professor of Ophthalmology; Chief, Glaucoma Division; Director, Glaucoma Basic Science and Clinical Laboratories
University of California, Los Angeles

Sriranjani Padmanabhan, MD
Clinical Instructor of Ophthalmology
University of California, San Francisco

Sunita Radhakrishnan, MD
Glaucoma Center of San Francisco; Research Director, Glaucoma Research and Education Group, San Francisco, CA

COURSE FACULTY (CONT'D)
Sarw at Salim, MD
Professor of Ophthalmology; Chief, Glaucoma Service, Medical College of Wisconsin, Milwaukee, WI

Thomas W. Samuelson, MD
Co-Founder and Attending Surgeon, Minnesota Eye Consultants; Assistant Professor of Ophthalmology, University of Minnesota, Minneapolis, MN

Kuldev Singh, MD, MPH
Professor of Ophthalmology; Director of the Glaucoma Service, Stanford University Medical Center, Stanford, CA
GENERAL INFORMATION
Advanced registration closes one (1) business day prior to start of course. On site registration fees, if applicable, will be applied after this date.

HOW TO ENROLL
Tuition*: $479 Physicians (by July 21, 2017)
$525 Physicians (after July 21, 2017)
$479 Allied Health Professionals/Residents/Fellows (by July 21, 2017)
$525 Allied Health Professionals/Residents/Fellows (after July 21, 2017)
*On-site registration will be $559
Payment may be made by Visa, MasterCard, AmEx or check.

REGISTER VIA:
Online: cme.ucsf.edu
Mail: Complete course registration form and send with payment to:
UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: Fax completed registration form to (415) 502-1795. (Be sure to include your credit card number)
Phone: To register by phone or to inquire about registration status, please call UCSF’s CME Registration Office at (415) 476-5808.
On-Site Registration: Generally we are able to accommodate on-site registration at our courses however pre-registration is preferred to ensure that we have adequate course materials.
Please check our website for up-to-date information on the course: cme.ucsf.edu

CONFERENCE LOCATION
Centrally located in one of the most beautiful regions of Northern California, and nestled within two 18 hole championship golf courses, the DoubleTree by Hilton Hotel Sonoma Wine Country awaits you. The hotel features roses, vines and our Chef’s herb garden, echoing our Sonoma Wine Country surroundings.
The perfect ‘base camp’ for your wine country getaway, explore the beauty and diversity of Sonoma county, all within a 30-minute drive. San Francisco and Napa Valley are located less than an hour away.
A block of guestrooms has been reserved at the special UCSF conference rate of $249/night. You are urged to make your reservations early. The cut off date is August 15, 2017, or until the group room block is filled. To make hotel reservations call 707-584-5466 and identify yourself as a member of this UCSF conference to receive the special rate.

By staying at the host hotel, you help the University of California meet its contractual obligations and keep future registration fees reasonable. Please take this into consideration when making your accommodation decisions.

RENTAL CAR
Hertz is offering special rates for participants of this conference; simply call 800-654-3131 and refer to convention number #03BW0136, or call your travel agent. You may also make reservations at www.Hertz.com. Advance reservations are recommended.

AIR TRANSPORTATION
United is pleased to offer special discounts for this program including three days prior to the course date and three days after.

If booking through a travel professional or United Meetings at 800-426-1122, please give them the following information: Agreement Code: 767022 Z Code: ZY6G

Cover art: Happy Vineyard by Teresa Ohoda © 2013
GLAUCOMA UPDATE 2017
September 15-16, 2017
DoubleTree by Hilton • Sonoma Wine Country
Rohnert Park, California

Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1795

Online registration: cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Mr. ☐ Mrs. ☐ Ms.

Last Name First M.I.

Degree Specialty

Address

City State Zip

Daytime Phone Fax

Email

Address Label Code Letter (see address label: example, A, B, C, D, etc.)

Would you like to be on our priority email list? ☐ Yes ☐ No

Date of birth to be used as OCME registrant number: ___ ___ / ___ ___ / X X

Please indicate if you have any special needs:

Registration Fees (Receipt/Confirmation will be mailed within two to four weeks):

☐ $479 Physicians (by July 21, 2017)
☐ $479 Nurses / Allied Health Professionals / Residents / Fellows (by July 21, 2017)
☐ $525 Physicians (after July 21, 2017)
☐ $525 Nurses / Allied Health Professionals / Residents / Fellows (after July 21, 2017)

On Site Registration Fee – $559

Make checks payable to UC Regents

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ American Express for $ ______________

Credit Card # Expiration Date

Name on Card (Please Print) Authorized Signature

Refund Policy: Cancellations received in writing before September 8, 2017 will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

On-Site Registration

Time: 7:15 am
Date: Friday, September 15, 2017
Place: DoubleTree Sonoma Wine Country
One Doubletree Drive
Rohnert Park CA 94928
Hotel Phone: (707) 584-5466