

22nd Annual Advanced Vitreoretinal Techniques & Technology Symposium



avtt

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August 20-22, 2021

Hyatt Centric Chicago Magnificent Mile | Chicago, IL



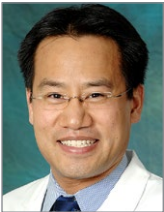
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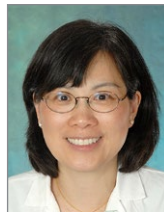
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Professor of Ophthalmology
Feinberg School of Medicine
Northwestern University
Rush University Medical Center
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Friday AUGUST 20

(non-CME)

6:45 AM – 6:35 PM

Registration

6:45 AM – 7:30 PM

Exhibits



6:45 – 7:25 AM

Breakfast

7:25 AM

Welcome and Introduction

WILLIAM F. MIELER, MD

7:30 – 10:00 AM

**Best Practices in
Ophthalmology (Part 1)**

MODERATOR: WILLIAM F. MIELER, MD

7:30 AM

Ophthalmology: Demographics,
Practice Patterns, and Finances

WILLIAM F. MIELER, MD

7:40 AM

The Art of Patient Satisfaction
in a Retina Practice

KIRK H. PACKO, MD

7:55 AM

The Art of Keeping your Referral
Doctors Happy

KIRK H. PACKO, MD

8:10 AM

AAO Leadership Development Program

R.V. PAUL CHAN, MD, MSc, MBA

8:20 AM

Evolving Changes in the ABO and
Maintenance of Certification (MOC)

FELIX Y. CHAU, MD

8:30 AM

Global Ophthalmology

R.V. PAUL CHAN, MD, MSc, MBA

8:40 AM

Collaborating with Industry

PETER K. KAISER, MD AND
NADIA K. WAHEED, MD, MPH

8:50 AM

Participation in Clinical Trials and
Scientific Boards-Is it Financially
Feasible and Advisable?

KARL G. CSAKY, MD, PhD AND
JENNIFER I. LIM, MD

9:00 AM

Independent Medical Device
Development-How Does this Work?

YANNEK I. LEIDERMAN, MD, PhD

9:10 AM

The Past, Present, and Future
of Physician Payment

GEORGE A. WILLIAMS, MD

9:20 AM

Step Therapy and Prior Authorization

GEORGE A. WILLIAMS, MD

9:30 AM

Discussion: Ethics Round Table

MODERATORS: FELIX Y. CHAU, MD;
JAY S. DUKER, MD; WILLIAM F. MIELER, MD
PANELISTS: ALL FACULTY

10:00 – 10:30 AM

◆ Break

10:30 AM – 12:15 PM

**Best Practices in
Ophthalmology (Part 2)**

MODERATOR: WILLIAM F. MIELER, MD

10:30 AM

Discussion: Type of Practice-Pros and
Cons of Academics, Private Practice,
Hybrid Types of Practice

MODERATORS: KARL G. CSAKY, MD, PhD
AND JAY S. DUKER, MD
PANELISTS: ALL FACULTY

10:45 AM

Discussion: Important Factors to
Consider in Choosing a Practice:
Contract Negotiations, Partners,
Location, Changing Jobs, Marketing,
Private Equity, and Innovations

MODERATORS: SRINIVAS R. SADDA, MD
AND GEORGE A. WILLIAMS, MD

PANELISTS: ALL FACULTY

11:00 AM

Discussion: My First Job in a COVID
World: How Different will Jobs be
Moving Forward?

MODERATOR: ROBERT A. HYDE, MD, PhD

PANELISTS: ALL FACULTY

11:15 AM

Risk Management and Malpractice
for the Retinal Surgeon

JAY S. DUKER, MD AND
YANNEK I. LEIDERMAN, MD, PhD

11:30 AM

Audits: Not If, But Rather When

GEORGE A. WILLIAMS, MD

11:40 AM

Should I Prepare for a Second Career
after Medicine?

JAY S. DUKER, MD

11:50 AM

Advocacy and Its Importance to You

JENNIFER I. LIM, MD

12:00 PM

Maintaining a Balance between Work
and Life: Avoiding Depression and Burnout

WILLIAM F. MIELER MD

12:15 – 1:00 PM



Lunch

Following an Introductory Lecture on Vitrectomy Fluidics and 3D Heads-Up Surgery, the Vitreoretinal Fellows and Residents will be separated into two groups for the interactive afternoon sessions.

1:00 – 5:30 PM

Vitrectomy Fluidics and Instrument Demonstration,
3D Heads-Up Surgery, and Discussion of Challenging OCT,
Medical, and Surgical Cases for the Vitreoretinal Fellows

1:00 PM

Vitrectomy Fluidics

PETER K. KAISER, MD AND YANNEK I. LEIDERMAN, MD, PhD

1:10 PM

3D Heads-Up Surgery

GEORGE A. WILLIAMS, MD

GROUP 1

1:20 – 3:20 PM

Wet Lab – Vitrectomy Fluidics and Instrument Demo

FACULTY:

JAY S. DUKER, MD
MANJOT K. GILL, MD
ROBERT A. HYDE, MD, PhD
PETER K. KAISER, MD
JENNIFER I. LIM, MD
ALICE T. LYON, MD
KIRK H. PACKO, MD
GEORGE A. WILLIAMS, MD

GROUP 2

1:20 – 3:20 PM

Discussion of OCT, Medical, and Surgical Cases

CO-MODERATORS:

AMANI A. FAWZI, MD AND WILLIAM F. MIELER, MD
PANELISTS:
R.V. PAUL CHAN, MD, MSc, MBA
KARL G. CSAKY, MD, PhD
JEREMY A. LAVINE, MD, PhD
YANNEK I. LEIDERMAN, MD, PhD
ANN-MARIE LOBO, MD
SRINIVAS R. SADDI, MD
NADIA K. WAHEED, MD, MPH



3:20 – 3:30 PM

Break

3:30 – 5:30 PM

Discussion of OCT, Medical, and Surgical Cases

CO-MODERATORS:

JAY S. DUKER, MD AND YANNEK I. LEIDERMAN, MD, PhD
PANELISTS:
KARL G. CSAKY, MD, PhD
AMANI A. FAWZI, MD
JEREMY A. LAVINE, MD, PhD
ANN-MARIE LOBO, MD
WILLIAM F. MIELER, MD
SRINIVAS R. SADDI, MD
NADIA K. WAHEED, MD, MPH

3:30 – 5:30 PM

Wet Lab – Vitrectomy Fluidics and Instrument Demo

FACULTY:

R.V. PAUL CHAN, MD, MSc, MBA
MANJOT K. GILL, MD
ROBERT A. HYDE, MD, PhD
PETER K. KAISER, MD
JENNIFER I. LIM, MD
ALICE T. LYON, MD
KIRK H. PACKO, MD
GEORGE A. WILLIAMS, MD

5:30 – 6:00 PM

Special Presentation

Money, MOM, Meetings and Moving On: AAO 2021

TAMARA R. FOUNTAIN, MD
PRESIDENT OF THE AMERICAN ACADEMY OF OPHTHALMOLOGY 2021

6:00 – 6:35 PM

Industry Presentations

6:00 – 6:06 PM

Genentech, Inc.

6:06 – 6:12 PM

Regeneron Pharmaceuticals, Inc.

6:12 – 6:16 PM

Alcon Vision, LLC

6:16 – 6:20 PM

Allergan, an AbbVie Company

6:20 – 6:23 PM

Bausch + Lomb

6:23 – 6:26 PM

EyePoint Pharmaceuticals

6:26 – 6:29 PM

Iveric Bio

6:29 – 6:32 PM

Norlase

6:32 – 6:35 PM

OCULUS Surgical, Inc.



6:35 – 7:30 PM

Reception

Saturday AUGUST 21

6:45 AM – 5:30 PM

Registration

6:45 AM – 3:30 PM

Exhibits



6:45 – 7:25 AM

Breakfast

7:25 AM

Welcome and Introduction

WILLIAM F. MIELER, MD

7:30 – 9:00 AM

Retinal Imaging and New Technology

MODERATOR: AMANI A. FAWZI, MD

7:30 AM

OCTA Update and Interpretation

JAY S. DUKER, MD

7:45 AM

Newer Imaging Modalities-Adaptive Optics, Swept Source OCT, and More

NADIA K. WAHEED, MD, MPH

8:00 AM

New Developments and Usage of Peripheral OCT

SRINIVAS R. SADDHA, MD

8:15 AM

Imaging of the Inner Retina in Alzheimer's Disease-How Does it Fit into our Clinical Practice

AMANI A. FAWZI, MD

8:30 AM

Artificial Intelligence Applications in Retinal Diagnostics and Therapeutics

YANNEK I. LEIDERMAN, MD, PhD

8:45 AM

Debate #1:

Artificial Intelligence is the Future of Retina

8:45 AM

Yes

KIRK H. PACKO, MD

8:50 AM

No

SRINIVAS R. SADDHA, MD

8:55 AM

Discussion: Analysis of Debate

9:00 – 9:30 AM

Vitreoretinal Surgery, Techniques, and Innovations (Part 1)

MODERATOR: JENNIFER I. LIM, MD

9:00 AM

Tips and Tricks of Small Gauge Vitrectomy Surgery-What's Happening Inside the Eye that You Can't See?

KIRK H. PACKO, MD

9:15 AM

Intraocular Tamponade: Perfluorocarbon Liquids, Silicone Oil, and Gases

NADIA K. WAHEED, MD, MPH

9:30 – 10:00 AM



Break

10:00 – 11:15 AM

Vitreoretinal Surgery, Techniques, and Innovations (Part 2)

MODERATOR: JENNIFER I. LIM, MD

10:00 AM

Yag Vitreolysis and/or Vitrectomy for Symptomatic Vitreous Floater: Is this Truly Beneficial?

ROBERT A. HYDE, MD, PhD

10:15 AM

Management of Rhegmatogenous RDs-The Role of Vitrectomy, Scleral Buckle, and Specialized Techniques

JEREMY A. LAVINE, MD, PhD

10:30 AM

Reappraisal of Macular Hole Staging and Surgical Outcomes

JAY S. DUKER, MD

10:45 AM

Management Options for Dislocated Lenses and IOLs

GEORGE A. WILLIAMS, MD

11:00 AM

Complex Diabetic Traction Retinal Detachment: 25- and 27-Gauge Techniques

YANNEK I. LEIDERMAN, MD, PhD

11:15 AM – 12:15 PM

Surgical Debates

MODERATOR: GEORGE A. WILLIAMS, MD

11:15 – 11:30 AM

Debate #2:

In Epiretinal Membrane Surgery, is Removal of the ILM Essential?

11:15 AM

Yes

YANNEK I. LEIDERMAN, MD, PhD

11:20 AM

No

ROBERT A. HYDE, MD, PhD

11:25 AM

Discussion: Analysis of Debate

11:30 – 11:45 AM

Debate #3:

The Best Treatment Option for a 30-year-old Phakic 3D Myope Patient with a Single Superiorly Located Retinal Tear and a Macula off RD with no PVR is with Which of the Following Options?

11:30 AM

Pneumatic Retinopexy

JEREMY A. LAVINE, MD, PhD

11:35 AM

Scleral Buckle

ALICE T. LYON, MD

11:40 AM

Pars Plana Vitrectomy

R.V. PAUL CHAN, MD, MSc, MBA

11:45 AM – 12:00 PM

Debate #4:

Epiretinal Implants are a Viable, Cost Effective Approach in the Treatment of Hereditary Retinal Diseases

11:45 AM

Yes

JENNIFER I. LIM, MD

11:50 AM

No

KARL G. CSAKY, MD, PhD

11:55 AM

Discussion: Analysis of Debate

12:00 – 12:15 PM

Debate #5:

3-D Digital Visualization in Vitreoretinal Surgery: Is it Truly Essential?

12:00 PM

Yes

GEORGE A. WILLIAMS, MD

12:05 PM

No

WILLIAM F. MIELER, MD

12:10 PM

Discussion: Analysis of Debate



12:15 – 1:00 PM

Lunch

1:00 – 3:00 PM

Diabetic Retinopathy, Retinal Vascular Diseases, and the Macula

MODERATOR: R.V. PAUL CHAN, MD, MSc, MBA

1:00 PM

Retinal Blood Flow and Biomarkers

JENNIFER J. KANG-MIELER, PhD

1:15 PM

Recent Essential Take Home Points from the DRCRnet

JENNIFER I. LIM, MD

1:30 PM

The Role of Corticosteroids in the Management of Chronic DME

LAWRENCE J. ULANSKI II, MD

1:45 PM

Future Management of DME and PDR-Drugs in the Pipeline

PETER K. KAISER, MD

2:00 PM

Update of the Treatment of Central Serous Chorioretinopathy

MANJOT K. GILL, MD

2:15 PM

The Expanding Spectrum of Systemic Medications and Retinal Toxicity

WILLIAM F. MIELER, MD

2:30 – 3:00 PM

Special Presentation:
The History of Retinal Surgery-Standing on the Shoulders of Giants

KIRK H. PACKO, MD



3:00 – 3:30 PM

Break

3:30 – 4:00 PM

Diabetes Debates

MODERATOR: YANNEK I. LEIDERMAN, MD, PhD

3:30 – 3:45 PM

Debate #6:

Moderate to Severe NPDR without Clinically Significant DME should be Treated Prophylactically with anti-VEGF Agents

3:30 PM

Yes

NADIA K. WAHEED, MD, MPH

3:35 PM

PETER K. KAISER, MD

3:40 PM

Discussion: Analysis of Debate

3:45 – 4:00 PM

Debate #7:

In the Treatment of PDR, combining Anti-VEGF with scatter PRP is preferred over Monotherapy (Anti-VEGF or PRP)

3:45 PM

Yes

FELIX Y. CHAU, MD

3:50 PM

No

MANJOT K. GILL, MD

3:55 PM

Discussion: Analysis of Debate

4:00 – 5:30 PM

Inflammation and Infection

MODERATOR: ANN-MARIE LOBO, MD

4:00 PM

Infectious Posterior Uveitis Update

ANN-MARIE LOBO, MD

4:15 PM

The Multiple Manifestations of Syphilitic Retinitis

DEBRA A. GOLDSTEIN, MD

4:30 PM

Molecular Diagnostic Testing in Uveitis

ANN-MARIE LOBO, MD

4:45 PM

Non-Infectious Posterior Uveitides

POOJA BHAT, MD

5:00 PM

Debate #8:

Long-Acting Intravitreal Corticosteroids are Better Than Systemic Treatment in the Management of Non-Infectious Posterior Segment Uveitis

5:00 PM

Yes

DEBRA A. GOLDSTEIN, MD

5:05 PM

No

ANN-MARIE LOBO, MD

5:10 PM

Discussion: Analysis of Debate

5:15 PM

Debate #9:

OCT Angiography (OCTA) is Essential in the Management of White Dot Syndromes

5:15 PM

Yes

POOJA BHAT, MD

5:20 PM

No

DEBRA A. GOLDSTEIN, MD

5:25 PM

Discussion: Analysis of Debate



5:30 – 6:30 PM

Reception

Sunday

AUGUST 22

6:45 AM – 12:00 PM

Registration



6:45 – 7:25 AM

Breakfast

7:25 AM

Welcome and Introduction

WILLIAM F. MIELER, MD

7:30 – 9:15 AM

Age-Related Macular Degeneration, Macula, Inherited Retinal Diseases, and Genetics

MODERATOR: FELIX Y. CHAU, MD

7:30 AM

The IRIS Registry, Big Data, and Artificial Intelligence in the Assessment and Management of AMD

GEORGE A. WILLIAMS, MD

7:45 AM

Most Promising Drugs in the Pipeline for Exudative AMD

PETER K. KAISER, MD

8:00 AM

Forthcoming Treatment Options for Dry AMD-Is there Light at the End of the Tunnel?

KARL G. CSAKY, MD, PhD

8:15 AM

Treatment Paradigms for Exudative AMD

PETER K. KAISER, MD

8:30 AM

New Developments in Drug Delivery to the Posterior Segment

JENNIFER J. KANG-MIELER, PhD

8:45 AM

The Current Role of Genetic Testing for AMD and Inherited Retinal Diseases (IRDs)

ROBERT A. HYDE, MD, PhD

9:00 AM

Gene Therapy Update for Inherited Retinal Diseases

KARL G. CSAKY, MD, PhD

9:15 – 10:00 AM

AMD Debates

MODERATOR: KARL G. CSAKY, MD, PhD

9:15 – 9:30 AM

Debate #10:

Home Monitoring with OCT to Detect Onset of CNV has Improved Visual Acuity Outcomes

9:15 AM

Yes

ALICE T. LYON, MD

9:20 AM

No

AMANI A. FAWZI, MD

9:25 AM

Discussion: Analysis of Debate

9:30 – 9:45 AM

Debate #11:

OCTA is Essential for Clinical Practice in the Management of Choroidal Neovascularization

9:30 AM

Yes

JAY S. DUKER, MD

9:35 AM

No

LAWRENCE J. ULANSKI II, MD

9:40 AM

Discussion: Analysis of Debate

9:45 – 10:00 AM

Debate #12:

Once Approved, Sustained Slow-Release Drug Devices Will Replace Recurrent Intravitreal Anti-VEGF Injections for Exudative AMD

9:45 AM

Yes

JENNIFER J. KANG-MIELER, PhD

9:50 AM

No

GEORGE A. WILLIAMS, MD

9:55 AM

Discussion: Analysis of Debate

10:00 – 10:15 AM



Break

10:15 – 11:45 AM

Pediatric Retina and Intraocular Tumors

MODERATOR: LAWRENCE J. ULANSKI II, MD

10:15 AM

Reverse Masquerade Conditions

JAY S. DUKER, MD

10:30 AM

Interesting Cases and Diagnoses that You Shouldn't Miss

R.V. PAUL CHAN, MD, MSc, MBA

10:45 AM

Retinopathy of Prematurity (ROP) 2021 Update

FELIX Y. CHAU, MD

11:00 AM

The Expanding Role of Telemedicine and Artificial Intelligence for Ophthalmology in the Post-COVID Era

R.V. PAUL CHAN, MD, MSc, MBA

11:15 AM

Retinoblastoma Update 2021

FELIX Y. CHAU, MD

11:30 AM

Update of Uveal Melanoma Treatment

WILLIAM F. MIELER, MD

11:45 AM

Meeting Adjourned

This CME Activity is supported
by an educational grant and in-kind support from:

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Regeneron Pharmaceuticals, Inc.

Exhibitors

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Bausch + Lomb
EyePoint Pharmaceuticals
Iveric Bio
Mallinckrodt Pharmaceuticals
Norlase
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