

# UNDER PRESSURE

UPDATES IN GLAUCOMA, NEURO-OPHTHALMOLOGY AND CATARACT

Program and Registration Brochure

## New Orleans Academy of Ophthalmology

65<sup>TH</sup> ANNUAL SYMPOSIUM

February 19-21, 2016

Sheraton New Orleans Hotel, New Orleans, LA



New Orleans Academy of Ophthalmology  
65th Annual Symposium  
**February 19 – 21, 2016**  
Sheraton New Orleans Hotel

# New Orleans Academy of Ophthalmology 65th Annual Symposium

**February 19 – 21, 2016**  
Sheraton New Orleans Hotel

**Program Committee Chairs**  
Jonathan Nussdorf, MD

## **Program Committee**

Marie Acierno, MD • Ramesh Ayyala, MD • Jay LaCour, MD  
Andrew Lawton, MD • Marilu O'Byrne, MD • Pulin Shah, MD • Jayne Weiss, MD

## **Needs Assessment**

Glaucoma and optic neuropathies cause irreversible vision loss worldwide. Successful management of these complex diseases require skillful evaluation, medical treatment, and, when necessary, identifying the correct operative regimen and knowledgeable post-operative management. Recently, optical coherence tomography has become an important tool for diagnosing glaucoma and detecting glaucoma progression. New techniques for cataract surgery are changing the standard of care in the aging eye. This activity will increase understanding of the concepts and techniques necessary to correctly diagnose and treat patients with glaucoma, optic neuropathies, cataracts, and idiopathic intracranial hypertension.

## **Purpose**

The focus of this meeting will be to update the comprehensive ophthalmologist as well as the glaucoma and anterior segment specialist and neuro-ophthalmologist on the latest in diagnosis, medical management, preoperative evaluation, surgical techniques, clinical outcomes, and postoperative complications management in the fields of glaucoma, anterior segment and neuro-ophthalmology, as well as research on future developments in these disciplines.

## **Educational Objectives**

Upon completion of this program, participants should be able to:

- Analyze case studies in complex/complicated cataracts
- Apply the most advantageous techniques for a successful trabeculectomy
- Assess clinical indications for Minimally Invasive Glaucoma Surgery (MIGS)

- Assess surgical options for co-existing cataract and glaucoma and plan an effective course of treatment
- Assess the latest medical and surgical treatments for thyroid eye disease
- Better evaluate neuro-ophthalmology patients using visual fields
- Describe risk factors for glaucoma
- Describe the new technology related to presbyopia
- Develop a management plan for the KPro patient with glaucoma
- Employ surgical techniques related to MIGS and manage complications
- Evaluate innovations in endothelial transplant surgery
- Identify new surgical modalities and equipment (such as the femtosecond laser) for the patient with cataracts
- Identify the effects of diplopia on quality of life
- Interpret data from NORDICTrial to better treat the patient with Idiopathic Intracranial Hypertension (IIH)
- Recognize and evaluate features of IIH and understand when/how to refer
- Recognize clinical benefits and side effects of new technology IOLs
- Recognize genomic and dietary considerations in primary open angle glaucoma
- Review the different medical & surgical treatment options for optic neuropathies
- Review the latest imaging techniques in glaucoma diagnosis
- Select appropriate surgical options for the patient with glaucoma and manage complications.

## Accreditation

**The New Orleans Academy of Ophthalmology** is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## Designation

The New Orleans Academy of Ophthalmology designates this educational activity for a maximum of **20.25 AMA PRA Category 1 Credits™**. Physicians should only claim credits commensurate with the extent of their participation in the activity.

# Faculty

## **Fiona Costello, MD, FRCPC**

Associate Professor  
University of Calgary  
Calgary, AB, Canada

## **Jeffery Daignepond**

Senior Vice President, Coker Group  
Alpharetta, GA

## **Brian A. Francis, MD**

Professor of Ophthalmology  
Doheny Eye Center  
University of California, Los Angeles  
Los Angeles, CA

## **Douglas R. Lazzaro, MD, FACS**

Professor and Chairman  
Sunny Downstate Medical Center  
Dept of Ophthalmology  
Brooklyn, NY

## **Parag Majmudar, MD**

Associate Professor of Ophthalmology  
Rush University Medical Center  
Private Practice  
Chicago Cornea Consultants  
Chicago, IL

## **Paul Palmberg, MD, PhD**

Professor of Ophthalmology  
Bascom Palmer Eye Institute  
University of Miami  
Miller School of Medicine  
Miami, FL

## **Louis R. Pasquale, MD, FARVO**

Professor of Ophthalmology  
Massachusetts Eye and Ear Infirmary  
Boston, MA

## **Thomas Samuelson, MD**

Founding Partner  
Minnesota Eye Associates  
Adjunct Associate Professor  
of Ophthalmology  
University of Minnesota  
Minneapolis, MN

## **Prem Subramanian, MD PhD**

Professor and Vice Chair for  
Academic Affairs, Ophthalmology  
University of Colorado School  
of Medicine  
Boulder, CO

## **Michael Wall, MD**

Professor of Neurology and  
Ophthalmology  
University of Iowa, Carver College  
of Medicine  
Iowa City, IA

## **Keith Walter, MD**

Professor of Ophthalmology  
Wake Forest Baptist Medical Center  
Wake Forest, NC  
Philadelphia, PA

---

It is the policy of the **New Orleans Academy of Ophthalmology** to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in this program are required to disclose any relevant financial relationship(s) they have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; **and** the opportunity to affect the content of CME about the products or services of the commercial interests. The New Orleans Academy of Ophthalmology will ensure that any conflicts of interest are resolved before the activity occurs.

# PROGRAM AGENDA

## Friday, February 19, 2016

7:00 – 7:45 a.m. Registration

7:55 – 8:00 a.m. President's Remarks

### Session I Glaucoma

8:00 – 8:15 a.m. Why is African American heritage a risk factor for primary open angle glaucoma?  
Louis Pasquale, MD

8:15 – 8:30 a.m. Glaucoma epidemiology and risk factors: Lessons learned from LALES  
Brian Francis, MD

8:30 – 8:45 a.m. New data and about target pressures  
Paul Palmberg, MD

8:45 – 9:00 a.m. 7 Pearls in gonioscopy  
Paul Palmberg, MD

9:00 – 9:20 a.m. Anterior segment and practical OCT imaging in glaucoma  
Brian Francis, MD

9:20 – 9:35 a.m. Q & A

9:35 – 10:05 a.m. Break and Visit the Exhibits

### Session II Glaucoma

10:05 – 10:20 a.m. Individualizing glaucoma surgery  
Tom Samuelson, MD

10:20 – 10:35 a.m. Keeping your patient out of trabulectomy troubles  
Louis Pasquale, MD

10:35 – 10:50 a.m. Technical approach to trabs and tubes  
Paul Palmberg, MD

10:50 – 11:05 a.m. Saving the failing bleb  
Tom Samuelson, MD

11:05 – 11:20 a.m. Slit Lamp/Minor OR procedures  
in glaucoma management  
Paul Palmberg, MD

11:20 – 11:50 a.m. **Roundtable: Trab Techniques**  
Moderator: Paul Palmberg, MD  
Panel: Drs. Francis, Pasquale and Samuelson

11:50 – 12:00 p.m. Q & A

12:00 – 1:30 p.m. **Lunch and Visit the Exhibits**

## **Session III Anterior Segment**

1:30 – 1:45 p.m. Femto second assisted corneal tattoo;  
a very cool technique to fix any iris defect  
Keith Walter, MD

1:45 – 2:00 p.m. Contact lens infections  
Douglas Lazzaro, MD

2:00 – 2:15 p.m. DSEK vs DMEK; which one is better  
Keith Walter, MD

2:15 – 2:30 p.m. TalkTBD  
Parag Majmudar, MD

2:30 – 2:45 p.m. TalkTBD  
Parag Majmudar, MD

2:45 – 3:15 p.m. **Roundtable: Video Cataract/Cornea  
Grand Rounds**  
Panel: Drs. Lazzaro, Majmudar and Walter

3:10 – 3:30 p.m. Q & A

**3:30 – 4:00 p.m.**

**Break and Visit the Exhibits**

## **Session IV**

## **Glaucoma**

4:00 – 4:15 p.m.

Teleglaucoma: The patient will email you now!  
Louis Pasquale, MD

4:15 – 4:35 p.m.

Management of pseudo exfoliation glaucoma  
Brian Francis, MD

4:35 – 4:55 p.m.

Pearls to better manage exfoliative glaucoma  
Tom Samuelson, MD

4:55 – 5:15 p.m.

The keys to avoiding bleeding and leaks in  
glaucoma surgery  
Paul Palmberg, MD

5:15 – 5:30 p.m.

Q & A

5:30 – 6:30 p.m.

Workshop: How to Avoid a Lawsuit in Cataract  
Surgery – Keith Walter, MD  
Workshop: Patient Privacy & Cyber Security –  
Jeffery Daigrepoint

# **Saturday, February 20, 2016**

7:15 – 7:50 a.m.

Registration

7:50 – 8:00 a.m.

President's Remarks

## **Session V**

## **Neuro-Ophthalmology**

8:00 – 8:20 a.m.

IIH work-up and treatment  
Michael Wall, MD

8:20 – 8:40 a.m.

Relationship between intraocular pressure  
and intracranial pressure and pathogenesis  
of papilledema  
Prem Subramanian, MD

8:40 – 9:00 a.m. Venous sinus stenosis/thrombosis  
in pseudotumor cerebri  
Prem Subramanian, MD

9:00 – 9:15 a.m. Nordic Trial Update Part 1  
Michael Wall, MD

9:15 – 9:30 a.m. Nordic Trial Update Part 2  
Michael Wall, MD

9:30 – 9:45 a.m. Q & A

**9:45 – 10:15 a.m. Break and Visit the Exhibits**

## **Session VI Anterior Segment**

10:15 – 10:30 a.m. Management of co-incident cataract  
and glaucoma  
Tom Samuelson, MD

10:30 – 10:50 a.m. Corneal considerations before cataract surgery  
Douglas Lazzaro, MD

10:50 – 11:10 a.m. Management of glaucoma in corneal  
transplants and keratoprosthesis  
Brian Francis, MD

11:10 – 11:25 a.m. Post-refractive surgery and cataract infections  
Douglas Lazzaro, MD

11:25 – 11:40 a.m. Talk TBD  
Parag Majmudar, MD

11:40 – 11:55 a.m. Superior cataract incisions:  
What you may be missing  
Keith Walter, MD

11:55 – 12:05 p.m. Q & A

**12:05 – 1:15 p.m. Lunch and Visit the Exhibits**



## Session VII

## Neuro-Ophthalmology

1:15 – 1:30 p.m.

Perimetry talk I  
Michael Wall, MD

1:30 – 1:45 p.m.

PerimetryTalk II  
Michael Wall, MD

1:45 – 2:00 p.m.

Optic neuropathies & glaucoma/normal tension glaucoma – “secrets that lurk behind the nerve” – mimics for glaucoma  
Fiona Costello, MD

2:00 – 2:15 p.m.

Vascular/Autonomic dysfunction in glaucoma  
nailfold capillary microscopy in POAG: Putting a finger on glaucoma etiology  
Louis Pasquale, MD

2:15 – 2:30 p.m.

Lettuce stop primary open angle glaucoma  
Louis Pasquale, MD

2:30 – 2:45 p.m.

Optic neuropathy update: Inflammatory Optic Neuropathies?  
Fiona Costello, MD

2:45 – 3:00 p.m.

Q & A

**3:00 – 3:30 p.m.**

**Break and Visit the Exhibits**

## Session VIII

## Cataract

3:30 – 4:30 p.m.

**New Technologies Discussion**  
Moderator: Keith Walter, MD  
Panel: Drs. Lazzaro, Majmudar  
A) Premium lens update (20 mins)  
B) New phaco technologies  
C) Droplless cataract surgery  
D) Intraoperative aberrometry

4:30 – 5:00 p.m.      **Roundtable: Pro-Con Femtosecond Cataract Surgery**  
Moderator: Keith Walter, MD  
Panel: Drs. Lazzaro, Majmudar

5:00 – 5:15 p.m.      Q & A

5:30 – 6:30 p.m.      OMIC Risk Management Workshop  
TBD Workshop

## Sunday, February 21, 2016

7:45 – 8:25 a.m.      Registration

8:25 – 8:30 a.m.      Housekeeping Remarks

### **Session IX                      Neuro-Ophthalmology**

8:30 – 8:45 a.m.      Neuro-Ophthalmic manifestations of MS  
Fiona Costello, MD

8:45 – 9:00 a.m.      Diplopia and visual quality of life  
Prem Subramanian, MD

9:00 – 9:15 a.m.      Transient monocular vision loss  
Fiona Costello, MD

9:15 – 9:30 a.m.      Medical management of thyroid eye disease  
Prem Subramanian, MD

9:30 – 9:45 a.m.      Surgical management of thyroid eye disease  
Prem Subramanian, MD

9:45 – 10:15 a.m.      **Roundtable: Swollen Nerves-Transient Vision Loss**  
Moderator: Prem Subramanian, MD  
Panel: Drs. Costello, Wall

10:15 – 10:30 a.m.      Q & A

10:30 – 10:45 a.m.

Break

## Session X

## Glaucoma

10:45 – 11:00 a.m.

Evaluating the outflow pathway to enhance MIGS  
Brian Francis, MD

11:00 – 11:15 a.m.

Adopting MIGS  
Tom Samuelson, MD

11:15 – 11:30 a.m.

iStent and Hydra -Techniques and Results  
Tom Samuelson, MD

11:30 – 11:45 a.m.

Trabectome -Techniques and Results  
Brian Francis, MD

11:45 – 12:00 p.m.

Transcleral filtration surgery in the MIGS era  
Tom Samuelson, MD

12:00 – 12:15 p.m.

Replacements for MMC trabeculectomy are almost  
here: AqueSys XEN and InnFocus MicroShunt  
Paul Palmberg, MD

12:15 – 12:45 p.m.

**Roundtable: MIGS**  
Moderator: Tom Samuelson, MD  
Panel: Drs. Francis, Palmberg

12:45 – 1:00 p.m.

Q & A

1:00 p.m.

Closing

Every effort has been made to present the program as accurately as possible from information available at the time of printing. The New Orleans Academy of Ophthalmology reserves the right to make changes to the program.



## Hotel Accommodations

Sheraton New Orleans Hotel  
500 Canal Street  
New Orleans, LA 70130  
(504) 525-2500  
(888) 627-7033

A block of rooms have been reserved for registrants at the special rate of \$229.00. To make your hotel reservations, call the Sheraton and mention the ***New Orleans Academy of Ophthalmology***. The Sheraton may charge an early departure fee if your scheduled length of stay changes, so please inform the hotel prior to arrival on any change in departure date. After January 18, 2016, reservations will be on a space available basis. **Please make your reservations well in advance as there will be limited room availability after January 18, 2016.**

## Registration Information

All New Orleans Academy of Ophthalmology members should register in advance for the meeting. Please register online at [www.noao.org](http://www.noao.org) or send in the registration form.

The registration fee of \$545.00 includes all course materials and refreshments. The deadline for the early registration fee is February 1, 2016. After February 1, the fee is \$595.00. The registration fee of \$125.00 is for the allied health professional whose physician is not a NOAO member. The registration fee of \$25.00 is for allied health professionals whose physician is a NOAO member. These fees include entrance, all course materials and refreshments. There is no charge for residents if letter from chief of service accompanies the reservation form.

If you do not receive a confirmation of registration or you have any questions regarding this conference, please contact the Academy office at 504-861-2550.

## Cancellation policy

Cancellation requests must be made in writing via e-mail, facsimile or by mail. A cancellation fee of \$50.00 will be assessed if request is postmarked by February 1, 2016. After February 1, the cancellation fee is \$150.00. Please enclose a copy of your confirmation slip with your notice of cancellation. **Note: No refunds will be made once the meeting begins.**

# Workshop Registration Information

The following workshops are available at no charge to attendees of the 2016 Annual Symposium:

## How to Avoid a Lawsuit in Cataract Surgery

Instructor: Keith Walter, MD

Friday, February 19, 5:30 – 6:30 p.m.

Cataract surgery is the most frequently performed ophthalmic procedure in the United States. Patient expectations have changed considerably over the years. This workshop will review how ophthalmologists can best prepare their patients expectation on surgery, and how to deal with a result that does not match the claims of efficacy of the new premium IOLs.

## Patient Privacy and Cybersecurity

Instructor: Jeffery Daigrepoint

Friday, February 19, 5:30 – 6:30 p.m.

Join Jeffery Daigrepoint, expert consultant to the American Academy of Ophthalmology, as he details the perfect storm — data breaches on the rise and the rising costs of HIPAA violations. Last year put cybersecurity and compliance on the minds of providers across the country with some of the highest financial penalties to date for violating HIPAA. Learn more about how to best to protect yourself and your practice with this informative workshop.

## Practice Management Workshop

Instructor: TBD

Saturday, February 20, 5:30 – 6:30 p.m.

Join our expert consultant as they guide attendees through ophthalmic management pearls and pitfalls. Topic coming soon!

## OMIC Risk Management Workshop

Instructor: Hans K. Bruhn, MHS

Saturday, February 20, 5:30 – 6:30 p.m.

Review risk management case studies in glaucoma, neuro and cataract with Hans Bruhn of OMIC's Risk Management Department and local legal counsel. OMIC insureds who are current, paid OOS members who attend this OMIC course at this meeting will earn a 10% premium discount.

**Please register in advance for the workshops listed above. There are limited seats available.**

## New Orleans & Activity Information

All of the Big Easy's spectacular sights are still available and open to the public. Now's the time to re-acquaint yourselves with the city you fell in love with. New to the city? Then check out some of the sights listed below.

**The French Quarter:** This 12-block area, also called the Vieux Carré (Old Square), is the heart of the city and borders the Mississippi River. The narrow streets of two- and three-story French and Spanish inspired buildings have a unique look. If historic sites interest you, see the Gallier House Museum ([www.gnofn.org/~hggh](http://www.gnofn.org/~hggh)), the Hermann-Grima House ([www.gnofn.org/~hggh](http://www.gnofn.org/~hggh)), the Old Ursuline Convent, and the Beauregard-Keyes House (504-523-7257). You'll find everything from fabulous jazz and five-star restaurants to strip clubs on world-famous Bourbon Street.

**Cities of the Dead:** A high water table and an elevation below sea level resulted in the practice of building aboveground tombs. There are 42 cemeteries in the metropolitan New Orleans area. Metairie, the most beautiful, and St. Louis Number One, the oldest, are worth a visit. Tour companies such as Save Our Cemeteries (504-525-3377) and Haunted History Tours (504-861-2727) offer guided tours.

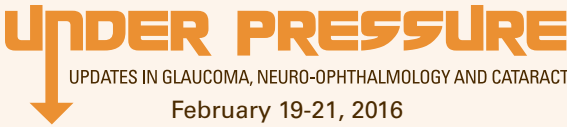
**Plantations and Historic Homes:** The Garden District, minutes from the French Quarter, features many stately mansions, including the pristine post-Civil War Van Benthuyzen-Elms Mansion and Gardens (504-895-5493, [www.elmsmansion.com](http://www.elmsmansion.com)). The

Longue Vue House (504-488-5488, [www.longuevue.com](http://www.longuevue.com)) in Old Metairie is a spectacular 45-room mansion designed in a Classical Revival style.

**By Land or by River:** For a different view of the Mardi Gras City, take a riverboat cruise on the Mississippi River. Sightsee by day or go on a dinner jazz cruise. The Cajun Queen Riverboat (504-523-0814, [www.neworleanspaddlewheels.com](http://www.neworleanspaddlewheels.com)), the Steamboat Natchez (504-586-8777, [www.steamboatnatchez.com](http://www.steamboatnatchez.com)) and the John James Audubon Riverboat (504-586-8777, [www.aquariumzoocruise.com](http://www.aquariumzoocruise.com)) all accept passengers. For landlubbers, the Riverfront streetcars are a great and economical way to sightsee.

### **For Families:**

The Crescent City boasts one of the top 5 Aquariums and Zoos in the United States. The Audubon Aquarium of the Americas (504-581-4629, [www.auduboninstitute.org](http://www.auduboninstitute.org)) features the largest collection of sharks and jellyfish and a rare white alligator. Located next to the French Quarter and beautiful Woldenberg Park, the Aquarium is sure to please young and old alike. The Audubon Zoo (504-212-5452, [www.auduboninstitute.org](http://www.auduboninstitute.org)) has more than 2,000 animals in their natural habitat settings, including the Louisiana Swamp.



February 19-21, 2016  
Sheraton New Orleans Hotel

## Registration Form

65th Annual Symposium  
Under Pressure: Updates  
in Glaucoma, Neuro-  
Ophthalmology and  
Cataract

Name (please print) \_\_\_\_\_ Degree \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip/Country \_\_\_\_\_

Telephone # \_\_\_\_\_ Fax # \_\_\_\_\_

E-mail \_\_\_\_\_

Are there any conference-related topics that would better assist you in practice?  
Please list: \_\_\_\_\_

### Registration fees (please check one):

(please check one):	Postmarked by 2/1/16	Postmarked after 2/1/16 – onsite
NOAO member	<input type="checkbox"/> No charge if dues are paid by 2/1/16	<input type="checkbox"/> \$475.00
Physician	<input type="checkbox"/> \$545.00	<input type="checkbox"/> \$595.00
Allied Health Professional	<input type="checkbox"/> \$125.00 (physician not an NOAO member)	
Allied Health Professional	<input type="checkbox"/> \$25.00 (physician is a NOAO member, letter required)	
Resident/Fellow	<input type="checkbox"/> No charge with letter from chief of service	

### \*Workshop Registration (check only one per day)

- |   |   |
|---|---|
| <input type="checkbox"/> How to Avoid a Lawsuit<br>Friday, February 19, 5:30 – 6:30 p.m.          | <input type="checkbox"/> Practice Management<br>Saturday, February 20, 5:30 – 6:30 p.m.           |
| <input type="checkbox"/> Patient Privacy & Cybersecurity<br>Friday, February 19, 5:30 – 6:30 p.m. | <input type="checkbox"/> OMIC Risk Management Workshop<br>Saturday, February 20, 5:30 – 6:30 p.m. |

### Payment Information

Personal Check       Visa       MasterCard       Discover

Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_ Security Code \_\_\_\_\_

\$ \_\_\_\_\_ Total Amount Enclosed

Please detach and mail this form with payment to:  
New Orleans Academy of Ophthalmology  
8131 Oak Street, Ste. 300, New Orleans, LA 70118  
504-861-2550 tel, 504-861-2549 fax or  
Register on-line at [www.noao.org](http://www.noao.org)

# **New Orleans Academy of Ophthalmology**

8131 Oak Street, Ste. 300

New Orleans, LA 70118

[www.noao.org](http://www.noao.org)

Non-Profit Org.  
US Postage  
PAID  
New Orleans, LA  
Permit No. 2762

# **UNDER PRESSURE**

UPDATES IN GLAUCOMA, NEURO-OPHTHALMOLOGY AND CATARACT

## **The New Orleans Academy of Ophthalmology 65th Annual Symposium**

February 19–21, 2016

Sheraton New Orleans Hotel

This activity has been approved  
for *AMA PRA Category 1 Credits™*