

# NEURO-OPHTHALMOLOGY FOR THE NEUROSURGEON

Organizers: Karl Golnik, MD, Neil Miller, MD & Steven Newman, MD



Saturday, March 1, 2014

Wyndham Rio Mar Beach Resort, Rio Grande, Puerto Rico



**When Neurosurgery & Neuro-Ophthalmology Collide [6.5 CME]  
Saturday, March 1 8:00 a.m. – 4:30 p.m.**

**Rio Mar 1-5**

This one-day, pre-NANOS meeting session is for neurosurgeons and neuro-ophthalmologists. It will include 4 sessions: “Crucial Co-Management Conditions”, “Was it There Before Surgery?”, “When Things Go Wrong” and “Neuro-Ophthalmology to the Rescue.”

Each of these sessions will be maximally interactive with case discussions and audience response system used in addition to lecture!

Upon completion of this session, attendees will be able to: 1) List the pros and cons of treatments for IIH; 2) Discuss relevant comanagement issues regarding pituitary tumors, orbital apex lesions and cavernous sinus fistula; 3) Describe the importance of identifying pre-existing neuro-ophthalmic deficits prior to surgery; 4) Outline the various neuro-ophthalmic complications of neurosurgery and how to recognize them; and 5) List treatment options for visual loss and diplopia.

## Saturday, March 1

8:00 a.m. – 8:10 a.m.	<b>Welcome/Objectives/Overview</b> , <i>Karl Golnik, MD</i>
8:10 a.m. – 8:20 a.m.	<b>Neurosurgery &amp; Neuro-ophthalmology: History of collaboration</b> , <i>Steven Newman, MD</i>
<b>Crucial Co-management Conditions</b>	
<b>Idiopathic Intracranial Hypertension:</b>	
8:20 a.m. – 8:30 a.m.	<b>Diagnosis, Mimics, &amp; Monitoring</b> , <i>Deborah Friedman, MD, MPH</i>
8:30 a.m. – 8:40 a.m.	<b>Treatment Options: Medical</b> , <i>Andrew G. Lee, MD</i>
8:40 a.m. – 8:50 a.m.	<b>Treatment Options: Surgical</b> , <i>Greg Kosmorsky, DO</i>
8:50 a.m. – 9:10 a.m.	<b>IIH Case presentations: treatment decisions with ARS &amp; group discussion</b> , <i>Karl Golnik, MD</i>
9:10 a.m. – 9:25 a.m.	<b>Pituitary Tumor</b> , <i>Prem Subramanian, MD, PhD</i>
9:25 a.m. – 9:40 a.m.	<b>Orbital Apex Lesions (indications for surgical co-management)</b> , <i>Tonya Stefko, MD</i>
9:40 a.m. – 10:00 a.m.	<b>Cavernous sinus fistula (diagnosis, monitoring, transarterial, transvenous, transorbital treatment)</b> , <i>Neil Miller, MD</i>
10:00 a.m. – 10:30 a.m.	<b>Coffee Break</b>
<b>Was it there before surgery</b>	
10:30 a.m. -10:40 a.m.	<b>Optic Neuropathy</b> , <i>Alfredo Sadun, MD, PhD</i>
10:40 a.m. – 11:00 a.m.	<b>Large Group Discussion with ARS slides</b>
11:00 a.m. – 11:10 a.m.	<b>Visual Pathways</b> , <i>Sophia Chung, MD</i>
11:10 a.m. – 11:30 a.m.	<b>Large Group Discussion with ARS slides</b>
11:30 a.m. – 11:40 a.m.	<b>Ocular Motility</b> , <i>Nicholas Volpe, MD</i>
11:40 a.m. – 12:00 p.m.	<b>Large Group Discussion with ARS slides</b>
12:00 p.m. – 1:00 p.m.	<b>Lunch</b>
<b>When Things Go Wrong</b>	
1:00 p.m. – 1:15 p.m.	<b>Waking up Blind: Optic Nerve/Retina</b> , <i>Neil Miller, MD</i>
1:15 p.m. – 1:30 p.m.	<b>Waking up Blind: Chiasm &amp; Beyond</b> , <i>Howard Krauss, MD</i>
1:30 p.m. – 1:50 p.m.	<b>Large Group Discussion with ARS slides</b>
1:50 p.m. – 2:05 p.m.	<b>Post-operative Diplopia: Cranial Nerves/Brainstem</b> , <i>Eric Eggenberger, DO</i>

2:05 p.m. – 2:20 p.m.	<b>Post-operative Diplopia: Orbit/EOMs, James Garrity, MD</b>
2:20 p.m. – 2:40 p.m.	<b>Large Group Discussion with ARS slides</b>
2:40 p.m. – 3:00 p.m.	<b>Coffee Break</b>

### Neuro-Ophthalmology to the Rescue!

3:00 p.m. – 3:15 p.m.	<b>Visual Loss: Anterior Visual System, Steven Newman, MD</b>
3:15 p.m. – 3:25 p.m.	<b>Large Group Discussion</b>
3:25 p.m. – 3:40 p.m.	<b>Homonymous Hemianopsia: Is there a treatment?, Susanne Trauzettel-Klosinski, MD</b>
3:40 p.m. – 4:00 p.m.	<b>Large Group Discussion</b>
4:00 p.m. – 4:15 p.m.	<b>Diplopia (occlusion, prism, botox, surg), Steven Newman, MD</b>
4:15 p.m. – 4:30 p.m.	<b>Large Group Discussion</b>
4:30 p.m. – 4:35 p.m.	<b>Wrap-up, Neil Miller, MD</b>

Following this Saturday pre-session will be the full NANOS meeting. Please join us for a spectacular program, March 1-6 at the Wyndham Rio Mar Beach Resort in Rio Grande, Puerto Rico.

#### **Sunday, March 2 – 7:45am – 5:00pm - FRANK B. WALSH SESSION**

This session is designed to present a wide variety of neuro-ophthalmic cases to an audience of physicians with varying neuroscience backgrounds who have a common intellectual interest in the broad range of conditions that impact the human visual pathways and ocular motor systems.

The format is a clinicopathologic conference. Clinical cases will be presented by neuro-ophthalmologists with comments by a neuroradiologist, neuropathologist and other selected experts. Necropsy, surgical pathology, and neuroimaging will help illuminate clinical points. Cases will be discussed from clinical, anatomic, radiologic and pathologic aspects with emphasis on diagnosis, pathophysiology and management. Audience participation is encouraged.

At the conclusion of this program, participants should be able to: 1) Recognize the varied presentations of neuro-ophthalmic disease; 2) Correlate the anatomic localization and histopathologic appearance with the clinical presentations; 3) Effectively use radiologic procedures in diagnosis; 4) Recognize both the value and limitations of neuropathology; and 5) Discuss newly described diseases and their connection to neuro-ophthalmology.

#### **Monday, March 3 – Thursday March 6 – NANOS Annual Meeting**

##### **MORNING SESSIONS**

- Journal Club
- Hot Topics: Zebra Taming 101
- The Latest on OCT
- Idiopathic Intracranial Hypertension Treatment Baseline Results
- Eye Pain in the “Quiet Eye”
- Non-Organic Neuro-Ophthalmology

##### **AFTERNOON SESSIONS (OPTIONAL)**

- Visual Electrophysiology in Neuro Ophthalmology
- Hands-on Ophthalmic Examination Techniques for Neuro-ophthalmologists
- Observational Clinical Research Studies: Pearls and Pitfalls
- Smartphones and Gadgets: How to Practice Neuro-Ophthalmology Anywhere in the 21st Century

##### **SOCIAL FUNCTIONS**

- Opening Reception
- Student, Resident and Fellow Program and Reception
- Poster Reception
- WIN luncheon
- Young Neuro-Ophthalmologist Forum: [Click here](#) to complete this short survey to help NANOS tailor this program to meet your needs.
- Annual Banquet in the Rainforest at Coco Rio

##### **OPTIONAL EXCURSIONS**

- Catamaran Sail and Snorkel
- Rainforest Tour
- Old San Juan Historical Tour
- Bioluminescent Bay Kayak Tours
- [Click here](#) to view other excursions available through the hotel

[Click here](#) to view the full NANOS program or visit [www.nanosweb.org/2014](http://www.nanosweb.org/2014). We hope to see you there!

# Registration Form

[Click here to view the full NANOS Meeting Registration Form](#)

## Neurosurgery Pre-Session ONLY

### SATURDAY

Member (\$200)

Non-Member (\$200)

Student/Resident/Fellow (\$125)

### Payment Information

METHOD OF PAYMENT:  Check # \_\_\_\_\_ Credit Card:  Visa  MasterCard TOTAL DUE (US Funds) \$ \_\_\_\_\_

Card Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Name as it appears on Card: \_\_\_\_\_

By signing below, I authorize NANOS to charge my credit card the total due for my registration and membership fees (if applicable).

Signature X \_\_\_\_\_

**CANCELLATION POLICY:** *Cancellations received on or before January 15, 2014, will incur a \$50 administration fee. All cancellations received after January 15, 2014, will not be eligible for a refund. Cancellations must be submitted in writing to the NANOS Executive Office.*