

Southeastern Neuroradiological Society

In joint sponsorship with
Emory University School of Medicine

**Thirty-sixth Annual Meeting
October 18-20, 2012**



**Hammock Beach Resort
Palm Coast, Florida**

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Thirty-sixth Annual Meeting
October 18-20, 2012
Hammock Beach Resort, Palm Coast, Florida**

Meeting Objectives

The goals of this meeting are to facilitate the exchange of ideas, concepts, and new updates in the field of Neuroradiology. At the conclusion of this meeting, participants will be able to: Assess the latest developments in interventional neuroradiology, diagnostic imaging of the spine, brain, head and neck and peripheral nervous system in both children and adults.

Designation Statement

The Emory University School of Medicine designates this live activity for a maximum of 14 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Emory University School of Medicine and the Southeastern Neuroradiological Society. The Emory University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.



Kathleen J. Helton, M.D.
2012 SENRS President

Thank you to our Sponsor

At the time of printing, a complete listing of corporate sponsors was not available.



Letter from the Program Chair

Dear Colleague:

The Annual Meeting of the Southeastern Neuroradiological Society will be held October 18-20, 2012 at Hammock Beach Resort, Palm Coast, FL. We are returning to this beautiful self contained resort by popular demand. Hammock Beach Resort is tucked away on a secluded stretch of unspoiled Atlantic coast and offers golf, tennis, European spa and signature health club with state-of-the-art fitness center. Aquatic activities are numerous and include a white sand beach, Marina and a Water park with pool-size Jacuzzi and a lazy river. Just a short trip up the coast is the picturesque city of St. Augustine, home of the Fountain of Youth.



Educational sessions will again cover a wide range of topics presented by the foremost practitioners of the specialty in the region. As always, a participatory format, so well received each year, will be continued.

This year's topics will include a non-interpretive skills presentation as well as an ACR update. Head and neck topics will include a review of salivary gland anatomy, pathology, and vertigo. Spine topics will include congenital lesions, trauma and diffusion imaging. The always strong interventional lectures will cover stenting, endovascular treatment of aneurysms and stroke intervention update. The diagnostic talks will include timely topics such as Functional imaging of brain injury and psychiatric disorders, CNS- IRIS and hippocampal changes following seizure. Neoplasms are covered in multiple lectures including our State of the Art lecture on Treatment and Imaging of GBM presented by our invited speaker, Dr. Steve Deprima. This short synopsis is not inclusive but shows the depth and breadth of this year's program.

The popular "Stump the SENRS Stars" will return to challenge the expertise of teams of Neuroradiologists competing for the annual "Caput Astrum Award." The cases will be presented by last year's winning team leader, Dr. Mark Mullins, and will no doubt be educational as well as entertaining.

This year's SENRS meeting follows the Society's tradition of gathering in an elegant facility combined with a superb continuing medical educational program, festive evening dinners and socializing with our friends and families.

We are looking forward to a great meeting. Let's get together once more to have fun and share learning experiences.

Fred J. Laine, M.D., F.A.C.R.
Vice President/Program Chair

SENRS 2012 Preliminary Program

Thursday, October 18, 2012

11:30-12:45 Executive Committee
Luncheon Meeting
St. Augustine Room

SENRS SCIENTIFIC SESSION 1 <i>Clipper/Surf Room</i>

1:00-1:05 Welcome
Fred J. Laine, MD

1:05-1:35 Congenital Malformations of the Spine
Bruce N. Schlakman, MD

1:35-2:05 Anatomy and Pathology of the Salivary Glands
Deborah R. Shatzkes, MD

2:05-2:30 Neuroimaging in CNS-IRIS
M. Judith Donovan Post, MD

2:30-2:40 Q & A

2:40-3:10 Break Vendor Exhibits
Harbor Galleon Room

3:10-3:35 Neuroradiology Education Update 2012
Mark E. Mullins, MD, PhD

3:35-4:00 Parenchymal Intracranial Aneurysms: Review of the Literature and Treatment
A.J. Fountain, Jr. MD

4:00-4:25 Clinical Applications for Neurointerventional Surgery in Aneurysm Treatment
John R. Gaughen, Jr. MD

4:25-4:50 Advanced Vascular MR Application
Amit M. Saindane, MD

4:50-5:00 Q & A

5:00-6:00 The 11th Annual Stump the SENRS Stars
Cases presented by
Mark E. Mullins, MD, PhD

7:00-10:00 Welcome dinner <i>Ocean Bar Event Lawn</i> (Spouses and guests)

Friday, October 19, 2012

SENRS SCIENTIFIC SESSION 2 <i>Clipper/Surf Room</i>

7:45-7:50 Announcements
Fred J. Laine, MD

7:50-8:30 SENRS Invited State of the Art Lecture: Malignant Brain Neoplasm: Current Treatment and Imaging Challenges
Steven J. Deprima, MD

8:30-9:00 Meningiomas and Other Extra-axial Tumors
C. Douglas Phillips, MD

9:00-9:25 New Horizons in the Endovascular Treatment of Acute Stroke
John R. Gaughen, Jr, MD

9:25-9:50 Preparing for the Non-Interpretive Skills Portion of the ABR MOC Cognitive Examination
Daniel F. Broderick, MD

9:50 -10:00 Multi-Institutional Review of the TCGA, Glioblastoma Database, Part I
Chad A. Holder, MD

10:00- 10:10 Q & A

10:10-10:40 Break/Vendor Exhibits
Harbor/Galleon Room

10:40-11:00 Benign Notochord Tumor of Bone and Other Notochordal Remnant Abnormalities
Jeffrey A. Bennett, MD

11:00-11:10 Multi-Institutional Review of the TCGA Glioblastoma Database, Part II
Chad A. Holder, MD

11:10-11:30 Mechanical Thrombectomy for Acute Stroke: Time for Trial?
David A. Miller, MD

11:30-12:00 Preliminary Experience with Flow Diversions Using Pipeline
Mary E. Jensen, MD

12:00-12:30 ACR Government Relations and Economics Update
Christopher G. Ullrich, MD

12:30-12:40 Q & A

12:45-1:45 Business Luncheon Meeting
St. Augustine Board Room

7:00-10:00 **Dinner**
Atlantic Ballroom
(Spouses and guests)

Saturday, October 20, 2012

SENRS SCIENTIFIC SESSION 3
Clipper/Surf Room

7:45-7:50 Announcements
Fred J. Laine, MD

7:50-8:15 Functional Neuroimaging of Mild Traumatic Brain Injury
T. Jason Druzgal, MD, PhD

8:15-8:30 Intracranial Angioplasty and Stenting: Where Did We Go Wrong?
David A. Miller, MD

8:30-8:45 Diffusion Imaging of the Spine
Ryan M. Murtagh, MD

8:45-9:15 Vertigo
Ilona M. Schmalfuss, MD

9:15-9:40 Hippocampal Changes in Acute Seizure and Status Epilepticus
Ronald G. Quisling, MD

9:40-10:05 Evaluation of Parenchymogram Following Thrombus Extraction
Mary E. Jensen, MD

10:05-10:15 Q & A

10:15-10:45 Break/Vendor Exhibits
Harbor/Galleon Room

10:45-11:10 Finding the Sweet Spot: Provocative Maneuvers for Determining CSF Pressure
Linda Gray Leithe, MD

11:10-11:40 Usefulness of Functional MRI in Psychiatric Disorders: New Frontier
E. Reed Murtagh, MD

11:40-11:55 Carotid Stenting in Eagles Syndrome
Van Lewis, MD

11:55-12:25 To Treat or Not to Treat - That is the Question: Microaneurysms of Basilar Artery Branches
Mary E. Jensen, MD

12:25-12:50 MRI of Cervical Spine in Trauma
A.J. Fountain, Jr. MD

12:50-1:00 Q & A

1:00 Meeting Concludes



General Meeting Information

PALM COAST, FLORIDA INFORMATION:

Hammock Beach Resort is beautifully situated just south of Jacksonville and conveniently located for traveling to central and northeastern Florida attractions. Hammock Beach Resort is 30 miles north of Daytona Beach; 45 miles from downtown Jacksonville, 20 minutes from St. Augustine, America's oldest city, and 80 miles from Orlando. Private planes may fly into the Bunnell Airport that is located only 15 minutes from the Resort

HOTEL INFORMATION:

This self contained resort is tucked away on a secluded stretch of unspoiled Atlantic coast where Old World architecture and Spanish revival motifs co-mingle with the surrounding pristine coastal landscape. There are eleven floors of luxury suites, all with ocean and golf course views. Each suite has unique décor and oversized furniture and is arranged for privacy with private bathrooms and private balconies. Three- and four-bedroom luxury suites compare to most penthouse suites and range from 2,200 to 2,400 square feet. One-bedroom luxury suites are 750 square feet, featuring garden tubs, private balconies, and full kitchenettes. All suites come equipped with complimentary high-speed internet access, DVD players, and cable television.

ACTIVITIES:

There are many Aquatic activities that include a Marina, a 6.6 million dollar Water Park and Pavilion with pool-size Jacuzzi, pools for adults and families, a spectacular three-story water slide, a meandering lazy river and even a white sandy beach.

Other activities include golf, tennis, European spa, and signature health club. There is a state-of-the-art fitness and wellness center and spin studio, 9-hole putting course, and bicycle rentals.

ON-PROPERTY DINING:

Atlantic Grille – featuring world cuisine, all day dining inside or on the veranda; Ocean Bar & Café - poolside casual favorites; Sushi Bar - Asian flair, with a few surprises. You will be able to enjoy world-class Italian fare fine dining at Delfinos, casual Florida favorites at the Ocean Bar, and light bites and spirits at Loggerheads Lounge, which also features an upstairs Cigar Bar.

KIDS CREW:

Kids Crew at Hammock Beach™ Resort, offers families and kids a myriad of activities. From scavenger hunts and beach games to fun in the pool, your family will love getting to spend the day enhanced with crafts, activities, and special events. Check the Hammock Beach website for our most up-to-date activities brochure.

- Morning Programs: 9 a.m. – 1 p.m. \$45 per child, including lunch (Ages 4 to 12 Only)

- Evening Programs: 6 p.m. – 10 p.m. \$50 per child, including dinner (Ages 4 to 12 Only).

Special hours available upon request and availability. Reservations can be made by calling 386-246-5661 or email kidscamp@hammockbeach.com

Water Park - where you can float down the lazy river, ride the twisting water slide, or build a poolside sandcastle



with full food and beverage service. There is also an indoor pool and beach.

There is something to please children (and adults) of all ages. *Please go online and visit the website for Hammock Beach Resort: www.hammockbeach.com*

GOLF:

- World-Class golf courses designed by Jack Nicklaus and Tom Watson.
- 36 holes of championship golf
- The Ocean Golf Course by Jack Nicklaus
- The Conservatory® Golf Course by Tom Watson
- 9-hole putting course
- 2 driving ranges
- Practice greens
- Golf shops



**Southeastern Neuroradiological Society
Thirty-sixth Annual Meeting**

**October 18-20, 2012
Hammock Beach Resort, Palm Coast, Florida**

Annual Meeting Registration Form
(Please print legibly or type)

Name: _____ Nickname (for badge): _____

Institution: _____

Address: _____

City: _____ State/Province: _____ Zip/Postal Code: _____

Phone: _____ Fax: _____ E-mail: _____

REGISTRATION FEES

Please indicate appropriate meeting registration fee below (U.S. Funds only). **YOU MAY NOW PAY YOUR REGISTRATION FEE(S) ONLINE** at <http://senrs.net/payonline>. Please e-mail registration form to fhollow@emory.edu

_____ SENRS Member \$ 150.00 (Spouse \$100) _____ Non-member \$375.00 (Spouse \$100)

_____ Fellow/Trainee \$ 150.00 (Spouse \$100)

Spouse/Guest Information:

Name of Spouse/Guest Attending, (if applicable) _____

I will attend: _____ Thursday Dinner: (# adults attending; _____ # children attending _____ age(s) _____)

_____ Friday Reception/Dinner: (# adults attending; _____ # children attending _____ age(s) _____)

Dietary Restrictions: _____

***Please note:** The SENRS has to pay for members and/or vendors indicating that they were going to be at the evening functions, and then either not showing, or canceling less than 3 days prior to the event. All catering services have a 3-day cancellation policy, or the group will be billed. Therefore, if you indicate that you will be at the evening functions, and do not adhere to the 3-day cancellation policy you will be assessed the amount of the dinners.

Email your completed registration form to fhollow@emory.edu

For any questions, please call Francine, at: (404) 712-4583, or email fhollow@emory.edu

Service charge includes: All gratuities for bell man, housekeeping, valet parking, personal concierge, high speed internet in all guest suites, wireless internet in designated locations and in all meeting rooms, access to our 4000 sq. ft. fitness center and health spa, daily newspaper, local and toll-free calls, use of the business center, beach chairs, and pool floats, as well as on-site transportation to all Hammock Beach amenities.

200 Ocean Crest Drive
Palm Coast, FL 32137
Toll Free: 1-866-841-0287
Fax: 407.396.3270



Name: _____

Address: _____

Home Telephone. # _____

Work Telephone. # _____

E-mail Address: _____

ROOM REQUEST:

Ocean View Suite _____ \$299.00 plus tax nightly

Arrival Date: _____ Departure Date: _____

Adults in party _____ # Children in party _____

CREDIT CARD INFORMATION

Type of Card: _____

Card #: _____ Exp. Date: _____

Additional Info: _____

- **Deposit Policy-** A deposit of one night's room and tax is due at time of reservation confirmation. Reservations must be secured by a valid credit card issued by American Express, Discover, Master Card, or Visa.
- **Cancellation Policy -** Cancellations must be made at least 7 days prior to the arrival date. Cancellations made less than 7 days from the arrival date will forfeit the deposit of one night's room and tax.
- Rates are subject to: 11% sales tax and Club Fee - 9.75%.
- Club Fee includes: All gratuities for bell man, housekeeping, valet parking, personal concierge, high speed internet in all guest suites, wireless internet in designated locations and in all meeting rooms, access to our 4000 sq. ft. fitness center and health spa, daily newspaper, local and toll free calls, use of the business center, beach chairs, pool floats as well as on-site transportation to all Hammock Beach amenities.





Attention Golfers!!!!

For all you golfers that would like to play during your stay at Hammock Beach Resort, it will be necessary to reserve tee times NOW!!! Please check the form below and return it to me immediately! Should you decide to cancel once the reservations have been made, please notify me.

There are two golf courses, the Ocean Course and the Conservatory Course. Green fee and cart is \$159.00 per person.

The Tom Watson designed Conservatory Course is definitely the more challenging course (not recommended for beginner golfers). It is about a 15 minute drive from the Resort and transportation can be arranged if you do not have your own vehicle.

The Ocean Course, a Jack Nicklaus signature design, is at the resort itself and features more ocean-front holes than any other course in Florida.

Dress Code:

Men – Collared shirt or mock turtlenecks, Bermuda shorts or slacks, soft spiked golf shoes or tennis shoes, shirts must be tucked in.

Women – Collared shirt with or without sleeves OR collarless shirt with sleeves, shorts/skirts/skortis no more than 5” above center of knee.

The following attire is inappropriate: Denim, cutoffs, shorts/skirts/skortis shorter than 5” above center of knee, fishnet tops or bare midriff shirts, cargo shorts and cargo pants, bathing suits.

Carts cannot proceed past the cart signs on any hole on the golf course.

Cancellation policy – 24 hours prior to scheduled tee time. If you do not cancel your tee time 24 hours prior, you will be billed. Please circle the days that you would like tee times reserved and e-mail this sheet to **Francine L. Hollowell, fhollow@emory.edu**

Please circle the desired course: Ocean Course Conservatory Course

Please circle desired day(s)

WED. P.M. THURS. A.M. FRI. P.M. SAT. P.M.

Name(s): _____

Address: _____

Name of Credit Card: _____

Credit Card #: _____

If American Express card, CID # (4 digits above last number of imprinted number on card): _____

Name as on card: _____ Exp. Date: _____

2013

Thirty-seventh Annual Meeting

Southeastern Neuroradiological Society
In Joint Sponsorship with Emory University
School of Medicine

October 17-19, 2013
The Ritz Carlton, Naples, FL



2014

Thirty-eighth Annual Meeting

Southeastern Neuroradiological Society
In Joint Sponsorship with
Emory University School of Medicine

October 23-25, 2014
The Homestead, Hot Springs, VA