

52nd Annual Meeting American Society of Head & Neck Radiology

Practical Head & Neck Imaging with a Dose of Southern Charm

September 26 - 30, 2018

The Westin Savannah Harbor Golf Resort & Spa Savannah, GA

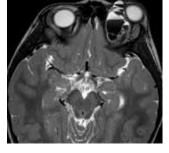
27.5 AMA PRA Category 1 Credit(s)[™] Eight hours will be submitted for SAM qualification.











From The President-Elect and Program Chair

Instead of a long-winded essay on why you should come to Savannah, and in the spirit of the non-traditional formats that will be highlighted at the 52nd Annual ASHNR Meeting, I offer you a Top 5 list.

Top 5 Reasons to Come to the 52nd Annual Meeting of the ASHNR in Savannah, Georgia

- #5: The program contains several Top 5 sessions! Other non-traditional formats include short bites on difficult anatomy, and a staging workshop using the new AJCC 8th Edition. The "H&N Top 5: Practice Improvement Edition" will showcase our experts' best advice for avoiding cognitive errors, improving our workplace and workflow, tweaking our H&N protocols, and avoiding radiologist burnout.
- #4: Further cementing the meeting's reputation as the premier event for H&N education, we will, for the first time, have a series of lectures designated as "Core Curriculum" covering the most basic topics in H&N imaging, such as sinuses, orbits, temporal bone, H&N glands and the H&N spaces. And, because more and more of us are doing it, there's a session on ENT emergencies entitled "12 a.m. H&N Radiology."
- #3: Savannah is an AWESOME city, with 22 tree-lined squares in its gorgeous Historic District, lots of Spanish moss, fantastic restaurants, excellent museums, and atmospheric cemeteries (à la Midnight in the Garden of Good and Evil). It's also easily accessible non-stop from ORD/LGA/DFW/IAH/ATL/BOS and others.
- #2: Our meeting hotel is a full-on resort on an island in the Savannah River, but it's minutes away from the heart of downtown by free ferry leaving every 15 minutes from the resort's marina (or by Uber over the nearby bridge). There's a riverside pool and hot tub, as well as tennis, spa and a world-class golf course, where we will host the first-ever ASHNR golf tournament!

And, finally, the #1 Reason to attend the 52nd Annual ASHNR Meeting in Savannah, Georgia: The chance to reconnect with old friends, and make lots of new ones, in the friendliest radiology society around!

See y'all in September in sunny Savannah!!

Deborah R. Shatzkes, MD

President-Elect and Program Chair American Society of Head & Neck Radiology

Accreditation

FIRST EVER ASHNR

TOURNAMENT

Friday, September 28

Physicians: This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Educational Symposia and the American Society of Head & Neck Radiology. Educational Symposia is accredited by the ACCME to provide continuing medical education for physicians.

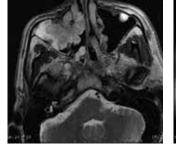
Educational Symposia designates this live activity for a maximum of 27.5 AMA PRA Category 1 Credit(s)TM, including 1.5 AMA PRA Category 1 Credit(s)TM for the Early Bird Head and Neck Cancer Session. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

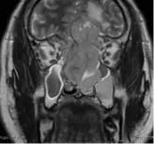
Self-Assessment Modules (SAMs): Educational Symposia has been granted Deemed Status by the American Board of Radiology (ABR). This allows Educational Symposia to develop and implement SAMs that satisfy ABR Part II MOC requirements.

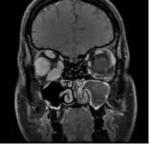
Technologists: This program has been submitted to the ASRT. The number of Category A CE credits will be available approximately 30 days prior to the meeting. Please visit ashnr.edusymp.com or call (813) 806-1000 regarding the availability of Category A CE credit.

Target Audience

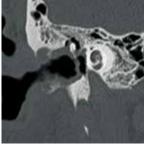
- General radiologists seeking to improve their understanding and skills in head and neck imaging.
- Radiologists with neuroradiology training or an interest in head and neck imaging who wish to increase their knowledge of imaging and treatment of head and neck cancer.
- Non-radiologists, including ENT physicians, head and neck surgeons, medical and radiation oncologists, or general surgeons, who are interested in head and neck cancer therapy and diagnosis.
- Allied health professionals, including physician assistants, nurses, nurse practitioners and radiology technologists with an interest in head and neck cancer or head and neck imaging.
- Physicians in training, residents and fellows pursuing careers in radiology and head and neck surgery.











Educational Objectives

Attendees should, at the completion of this meeting, be able to:

- Review difficult head and neck anatomy, including the inner ear, brachial plexus, pterygopalatine fossa and orbital apex.
- Demonstrate increased knowledge with the head and neck spaces and an approach to multispatial lesions.
- Categorize the types of sinonasal inflammatory disease, including acute, chronic and fungal sinusitis.
- Discuss the biologic basis of vascular lesions, and apply correct nomenclature.
- Identify anatomy, developmental lesions and tumors of the anterior and central skull base.
- Describe the underlying surgical concerns that drive imaging of sinonasal and anterior skull base tumors.
- · Review the anatomy and pathology of the cranial nerves.
- Optimize imaging protocols for technique-driven head and neck exams, including MRI of the TMJ, brachial plexus, temporal bone and cranial nerves as well as parathyroid 4DCT.
- Discuss the new AJCC 8th edition staging criteria for head and neck aerodigestive tract cancer sites.
- Apply imaging protocols to evaluate common abnormalities of the temporal bone, orbits, cervical lymph nodes and head and neck glands.
- Review imaging approaches to common presenting pediatric head and neck symptoms, including neck mass, hearing loss and proptosis.
- Develop an approach to common emergency presentations of head and neck pathology, including neck swelling, dysphagia and otalgia.

No special educational preparation is required for this CME activity.

CALL FOR ABSTRACTS

CALL FOR ABSTRACTS for both Oral Scientific Papers and Electronic Educational Exhibits, including information, instructions and forms, are available on our website www.ashnr.org. Deadline for submissions is Friday, May 10, 2018.

Special Note for the Disabled

Educational Symposia (ESI) and the American Society of Head & Neck Radiology wish to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact ESI at (813) 806-1000.

2017-2018 Program Committee

Deborah R. Shatzkes, M.D. President-Elect and Program Chai

Rebecca S. Cornelius, M.D., FACR Christine M. Glastonbury, MBBS Michelle A. Michel, M.D. C. Douglas Phillips, M.D., FACR Caroline D. Robson, MB, ChB Ilona M. Schmalfuss, M.D. Ashok Srinivasan, M.D. Jared M. Steinklein, M.D.

2017-2018 Executive Committee

Rebecca S. Cornelius, M.D., FACR *President*

Deborah R. Shatzkes, M.D. *President-Elect*

Caroline D. Robson, MB, ChB Vice President

llona M. Schmalfuss, M.D. Treasurer

Nancy J. Fischbein, M.D. Secretary

Reza Forghani, M.D., Ph.D. Rules Committee Chair Lindell R. Gentry, M.D., FACR Immediate Past President

Kristine M. Mosier, DMD, Ph.D. Senior Member-at-Large Education Committee Vice Chair

Tabassum A. Kennedy, M.D. Junior Member-at-Large

Ashok Srinivasan, M.D. Education Committee Chair

Richard H. Wiggins III, M.D., CIIP, FSIIM ACR Councilor

Early Bird Head and Neck Cancer Session Wednesday, September 26, 2018 10:30 AM – 12:00 PM

Please join us for the Early Bird Head and Neck Cancer Session (1.5 *AMA PRA Category 1 Credit*(s)TM) which will be an opportunity for attendees to show interesting cases. Please bring your interesting anonymized cases without any patient identifiers on a USB drive between 9:00 AM - 9:45 AM and share with your colleagues and the experts. Please carefully select the number of images as each case will be limited to approximately 3-4 minutes, including discussion. Individuals will be allowed to show a maximum of two cases to allow as many attendees as possible to participate.

Pearl From My Mentor

Honor a mentor by preparing a PowerPoint presentation (5 minutes or less in length) that includes a "pearl" you were taught and your mentor's name. Please email presentations to shatzkes@hotmail.com, or bring with you to the meeting on a USB drive. We will fit in as many as possible.

Disclaimer

Educational Symposia (ESI) and the American Society of Head & Neck Radiology as planners and presenters of this meeting claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during, this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee.

Meeting Program

,	ember 26, 2018	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Thursday, September 27, 2018 (continued)				
9:00 AM	Registration Opens		Base 1: Anterior Skull Bas Blaser, MD, FRCP(C) and Laurie				
-	A Neck Cancer Session Moderators: Timothy N. Booth, MD, Nancy J. Fischbein, MD and	9:20 – 9:40	Anterior Skull Base Anator				
	Christine M. Glastonbury, MBBS Please bring your interesting cases on USB drive between 9:00am - 9:45am and share with your colleagues and the experts.	9:40 – 10:05	C. Douglas Phillips, MD, FACR Anterior Skull Base and Sin Laurie A. Loevner, MD				
	Lunch on Your Own	10:05 – 10:30	Surgical Approaches for R of Sinonasal and Anterior S				
12:55 – 1:00	Opening Remarks Deborah R. Shatzkes, MD	10:30 - 10:50	Peter D. Costantino, MD Advanced Metabolic Imag				
	Curriculum/Sinuses Schmalfuss, MD and Eugene Yu, MD, FRCPC		Skull Base Tumors Stephen C. Scharf, MD				
1:00 – 1:15	Sinonasal Anatomy Hillary R. Kelly, MD		Base 2: Central Skull Bas Coelho, MD and Girish M. Fatterp				
1:15 – 1:35	Acute Rhinosinusitis and Complications Daniel E. Meltzer, MD	10:50 – 11:10	Central Skull Base Anatom Reza Forghani, MD, PhD				
1:35 – 1:55	Chronic Rhinosinusitis: Imaging for ESS Iona M. Schmalfuss, MD	11:10 – 11:35	Extra-sellar Neoplasms of Richard H. Wiggins, III, MD, CIII				
1:55 – 2:10	Fungal Sinusitis Rihar Khan, MD	11:35 – 11:55	Pituitary Imaging Joshua E. Lantos, MD				
2:10 – 2:30	Imaging Work-up of CSF Rhinorrhea Patricia A. Hudgins, MD, FACR	11:55 – 12:10 PM	Skull Base Pseudotumor a Steven M. Weindling, MD				
	Ilar Lesions of the Head & Neck	12:10 – 12:15	Pearl From My Mentor ♦				
Moderators: Anton N. 2:30 – 2:45	Hasso, MD, FACR and Mark D. Mamlouk, MD Modern Classification and Nomenclature of Vascular Lesions	12:20 – 1:10	DIY Lunch Session - Gue This session is not being ac ASHNR and Educational Sy				
2:45 – 3:05	William P. Dillon, MD Hemangiomas and Other Vascular Tumors		Base 3: Cranial Nerves				
	Bernadette L. Koch, MD	1:15 – 1:40	Comlos Kukreja, MD and Franz J. Cranial Nerves 3 through 6				
3:05 – 3:25	Imaging of Vascular Malformations Jared M. Steinklein, MD	1:40 – 2:00	Asim F. Choudhri, MD The Trigeminal Nerve				
3:25 – 3:30 3:30 – 4:00	Pearl From My Mentor ♦ Refreshment Break/ Visit Exhibitors and	2:00 – 2:20	Lindell R. Gentry, MD, FACR Cranial Nerves 7 and 8				
:00 – 4:15	Ice Cream Social 2017 William N. Hanafee, MD Research	2:20 – 2:40	John L. Go, MD, FACR Cranial Nerves 9 through 1				
	Grant Award Presentation ♦ Recipient: Jeffrey P. Guenette, MD	2:40 – 3:40	Wendy R.K. Smoker, MS, MD, Scientific Paper Session				
	Curriculum/Difficult H&N Anatomy edman, MD and Christopher P. Wood, MD	3:40 - 4:00	Moderators: Roy A. Holliday, Refreshment Break and				
4:15 – 4:30	The Inner Ear	Session 8 - Optin	nizing Technique-Driven H				
4:30 – 4:45	Julian P.N. Goh, MBBS The Middle Ear and Ossicles	Moderators: Rebecca 4:00 – 4:15	S. Cornelius, MD, FACR and De				
4:45 – 5:00	Benjamin Y. Huang, MD The Pterygopalatine Fossa and its Connections David R. DeLone, MD	4:15 – 4:25	Dania F. Tamimi, BDS, DMSc Brachial Plexus MRI				
5:00 – 5:15	The Brachial Plexus	4:25 – 4:35	Carlos H. Torres, MD, FRCPC Parathyroid CT				
5:15 – 5:30	Bidyut K. Pramanik, MD The Orbital Apex _	4:35 – 4:50	Deborah R. Shatzkes, MD Temporal Bone CT and MI				
5:30 – 5:45	Barry A. Shpiznër, MD The Oral Cavity	4:50 - 5:05	Joseph M. Hoxworth, MD Cranial Nerve MRI				
5:45 – 6:00	Karen K. Moeller, MD The Larynx and Hypopharynx	5:05 - 5:10	Ari M. Blitz, MD Pearl From My Mentor ♦				
6-00	Mari Hagiwara, MD		ASHNR Game Show: Old S				
6:00 6:00 – 6:05	End of Session Pearl From My Mentor ♦	5:10 – 6:00	Hosts: Lawrence E. Ginsberg,				
6:30	Opening Reception		C. Douglas Phillips MD, FACR a Richard H. Wiggins, III, MD, CIII				
hursday, Septem	ber 27, 2018	6:00	End of Session				
7:00 – 7:30 AM	Continental Breakfast	Friday, September	r 28, 2018				
	Session I - Core Curriculum/The H&N Spaces M. Aulino, MD and Sugoto Mukherjee, MD	7:00 – 7:30 AM	Breakfast & Learn How-T Sponsored by Siemens He				
7:45 – 8:05	Parapharyngeal and Masticator Spaces Nicholas A. Koontz, MD	7:40 – 7:45	About the ASHNR Core Cu				
8:05 – 8:20	Carotid Space Bruno A. Policeni, MD, MBA						
8:20 – 8:40	Retropharyngeal and Danger Spaces						
8:40 – 9:00	Approach to Multispatial Lesions Remy R. Lobo, MD						

9:00 – 9:20	Refreshment Break and Visit Exhibitors	

	Des 4 Anterior Chull Dess
	Base 1: Anterior Skull Base Blaser, MD, FRCP(C) and Laurie A. Loevner, MD
9:20 – 9:40	Anterior Skull Base Anatomy and Developmental Lesions C. Douglas Phillips, MD, FACR
9:40 - 10:05	Anterior Skull Base and Sinonasal Tumors Laurie A. Loevner, MD
10:05 – 10:30	Surgical Approaches for Resection and Reconstruction of Sinonasal and Anterior Skull Base Tumors Peter D. Costantino, MD
10:30 – 10:50	Advanced Metabolic Imaging Techniques for Skull Base Tumors Stephen C. Scharf, MD
	Base 2: Central Skull Base Coelho, MD and Girish M. Fatterpekar, MBBS, DNB, MD
10:50 - 11:10	Central Skull Base Anatomy and Developmental Lesions Reza Forghani, MD, PhD
11:10 – 11:35	Extra-sellar Neoplasms of the Central Skull Base Richard H. Wiggins, III, MD, CIIP, FSIIM
11:35 – 11:55	Pituitary Imaging Joshua E. Lantos, MD
11:55 – 12:10 PM	Skull Base Pseudotumor and Other Inflammatory Disease Steven M. Weindling, MD
12:10 – 12:15	Pearl From My Mentor ♦
12:20 – 1:10	DIY Lunch Session - Guerbet, LLC This session is not being accredited by the ASHNR and Educational Symposia.
	Base 3: Cranial Nerves iomlos Kukreja, MD and Franz J. Wippold, II, MD
1:15 – 1:40	Cranial Nerves 3 through 6 minus 5
1:40 – 2:00	Asim F. Choudhri, MD The Trigeminal Nerve Lindell R. Gentry, MD, FACR
2:00 – 2:20	Cranial Nerves 7 and 8 John L. Go, MD, FACR
2:20 – 2:40	Cranial Nerves 9 through 12 Wendy R.K. Smoker, MS, MD, FACR
2:40 - 3:40	Scientific Paper Session I ♦ Moderators: Roy A. Holliday, MD and Charles J. Schatz, MD
3:40 – 4:00	Refreshment Break and Visit Exhibitors
	nizing Technique-Driven Head & Neck Exams
4:00 – 4:15	S. Cornelius, MD, FACR and Deborah R. Shatzkes, MD TMJ MRI Danie F. Tamimi, RDS, DMSe
4:15 – 4:25	Dania F. Tamimi, BDS, DMSc Brachial Plexus MRI Carlos H. Torres, MD, FRCPC
4:25 – 4:35	Parathyroid CT Deborah R. Shatzkes, MD
4:35 – 4:50	Temporal Bone CT and MRI Joseph M. Hoxworth, MD
4:50 – 5:05	Cranial Nerve MRI Ari M. Biliz, MD
5:05 – 5:10	Pearl From My Mentor ♦
	SHNR Game Show: Old School Edition
5:10 – 6:00	Hosts: Lawrence E. Ginsberg, MD, C. Douglas Phillips MD, FACR and Richard H. Wiggins, III, MD, CIIP, FSIIM
6:00	End of Session
Friday, September	28, 2018
7:00 – 7:30 AM	Breakfast & Learn How-To Session ♦ Sponsored by Siemens Healthineers
7:40 – 7:45	About the ASHNR Core Curriculum Fund ♦

Friday, Septembe	r 28, 2018 (continued)			
	Curriculum Fund Presents:			
	lition: A Case-based H&N Cancer Staging Workshop .úcia Elia Gomes, MD and Vikas Jain, MBBS			
7:45 – 8:05	All About the AJCC and its 8th Edition Christine M. Glastonbury, MBBS			
8:05 - 8:25	Staging Nasopharyngeal Carcinoma Nancy J. Fischbein, MD			
8:25 - 8:45	Staging Oropharyngeal Carcinoma Suresh K. Mukherji, MD, FACR, MBA			
8:45 – 9:05	Staging Oral Cavity Carcinoma Kristine M. Mosier, DMD, PhD			
9:05 – 9:25	Staging Laryngeal and Hypopharyngeal Carcinoma Hilda E. Stambuk, MD			
9:25 – 9:45	Staging the Unknown Primary Barton F. Branstetter, IV, MD, FACR			
9:45 – 10:05	Refreshment Break and Visit Exhibitors			
	d and Neck Cancer 2: Special Topics Joyd Baugnon, MD and Peter Kalina, MD, MBA, FACR			
10:05 – 10:25	Imaging of Perineural Tumor Spread Lawrence E. Ginsberg, MD			
10:25 – 10:45	Imaging of Head and Neck Reconstruction Flaps Amanda S. Corev, MD, FACR			
10:45 – 11:05	Update on NI-RADS Kristen Lloyd Baugnon, MD			
11:05 – 11:30	Living in a Patient-centric Universe Dennis H. Kraus, MD, FACS			
11:30	End of Session			
11:30 – 12:30 PM	Scientific Paper Session II ♦ Moderators: Timothy L. Larson, MD and Ashok Srinivasan, MD			
12:40 – 1:40	Gold Medal Award Luncheon			
	Honoring Roy A. Holliday, MD 2018 Gold Medal Recipient ♦			
	Afternoon on Your Own			
2:00	Golf Tournament / Charity Sponsorship (Separate Registration)			
Saturday, Septem	ber 29, 2018			
7:00 – 7:30 AM Breakfast & Learn How-To Session ♦ Sponsored by Bracco				
	Sponsored by Bracco			
	I Session III - Core Curriculum/Temporal Bone			
	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease			
Moderators: Eloisa S.	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors			
Moderators: Eloisa S. 7:45 – 8:10	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Corr	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Corr	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Cor Moderators: Roberta	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging W. Dalley, MD and Michelle A. Michel, MD Common Orbital Differential Diagnoses			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Corr Moderators: Roberta 9:45 – 10:10	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging W. Dalley, MD and Michelle A. Michel, MD Common Orbital Differential Diagnoses Michelle A. Michel, MD Disease of the Optic Nerve and Sheath			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Corr Moderators: Roberta 9:45 – 10:10 10:10 – 10:30 10:30 – 10:50 Session 14 - H&M	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging W. Dalley, MD and Michelle A. Michel, MD Common Orbital Differential Diagnoses Michelle A. Michel, MD Disease of the Optic Nerve and Sheath Mary E. Cunnane, MD Ocular Imaging Bronwyn E. Hamilton, MD			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Corr Moderators: Roberta 9:45 – 10:10 10:10 – 10:30 10:30 – 10:50 Session 14 - H&M	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging W. Dalley, MD and Michelle A. Michel, MD Common Orbital Differential Diagnoses Michelle A. Michel, MD Disease of the Optic Nerve and Sheath Mary E. Cunnane, MD Ocular Imaging Bronwyn E. Hamilton, MD Top 5: Imaging Edition Panasci, MD and Robert D. Zimmerman, MD, FACR			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Corr Moderators: Roberta 9:45 – 10:10 10:10 – 10:30 10:30 – 10:50 Session 14 - H&N Moderators: David J.	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging W. Dalley, MD and Michelle A. Michel, MD Common Orbital Differential Diagnoses Michelle A. Michel, MD Disease of the Optic Nerve and Sheath Mary E. Cunnane, MD Ocular Imaging Bronwyn E. Hamilton, MD Top 5: Imaging Edition Panasci, MD and Robert D. Zimmerman, MD, FACR Top 5 Important H&N Anatomy Hugh D. Curtin, MD, FACR Top 5 Missed Diagnoses			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Cor Moderators: Roberta 9:45 – 10:10 10:10 – 10:30 10:30 – 10:50 Session 14 - H&N Moderators: David J. 10:50 – 11:15 11:15 – 11:40	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging W. Dalley, MD and Michelle A. Michel, MD Common Orbital Differential Diagnoses Michelle A. Michel, MD Disease of the Optic Nerve and Sheath Mary E. Cunnane, MD Ocular Imaging Bronwyn E. Hamilton, MD I Top 5: Imaging Edition Panasci, MD and Robert D. Zimmerman, MD, FACR Top 5 Important H&N Anatomy High D. Curtin, MD, FACR Top 5 Missed Diagnoses Philip R. Chapman, MD Top 5 Imaging Pearls			
Moderators: Eloisa S. 7:45 – 8:10 8:10 – 8:35 8:35 – 8:55 8:55 – 9:20 9:20 – 9:25 9:25 – 9:45 Session 13 - Cor Moderators: Roberta 9:45 – 10:10 10:10 – 10:30 10:30 – 10:50 Session 14 - H&N Moderators: David J. 10:50 – 11:15 11:15 – 11:40	A Session III - Core Curriculum/Temporal Bone Gebrim, MD, PhD and Joel D. Swartz, MD Cholesteatoma and Non-cholesteatomatous Inflammatory Disease Amy F. Juliano, MD Temporal Bone Tumors Nikdokht Farid, MD Third Window Lesions of the Temporal Bone Gul Moonis, MB, BS Game of Thrones-T-Bones John I. Lane, MD Pearl From My Mentor ◆ Refreshment Break and Visit Exhibitors e Curriculum/Orbital and Optic Pathway Imaging W. Dalley, MD and Michelle A. Michel, MD Common Orbital Differential Diagnoses Michelle A. Michel, MD Disease of the Optic Nerve and Sheath Mary E. Cunnane, MD Ocular Imaging Bronwyn E. Hamilton, MD 1 Top 5: Imaging Edition Panasci, MD and Robert D. Zimmerman, MD, FACR Top 5 Important H&N Anatomy Hugh D. Curtin, MD, FACR Top 5 Missed Diagnoses Philip R. Chapman, MD			

Saturday, Septem	ber 29, 2018 (continued)
	e Curriculum/The H&N Glands a Ahmed, MD and Edward E. Kassel, DDS, MD, FACR
1:05 – 1:30	Salivary Gland Disease Claudia F.E. Kirsch, MD
1:30 – 1:50	Managing the Incidental Thyroid Nodule Ashley H. Aiken, MD
1:50 – 2:15	Imaging Thyroid Cancer Yoshimi Anzai, MD, MPH
2:15 – 2:35	Imaging Work-up of Hyperparathyroidism Ali R. Sepahdari, MD
2:35 – 3:00	Refreshment Break and Visit Exhibitors
	e Curriculum/Problem-based Pediatric H&N Imaging T. Bilaniuk, MD, FACR and Caroline D. Robson, MB, ChB
3:00 – 3:25	Imaging the Child with a Neck Mass Jennifer A. Vaughn, MD
3:25 – 3:50	Imaging the Child with Hearing Loss Caroline D. Robson, MB, ChB
3:50 – 4:15	Imaging the Child with Proptosis Mai-Lan Ho, MD
	I Top 5: Practice Improvement Edition e N. Tanenbaum, MD, FACR and David M. Yousem, MD, MBA
4:15 – 4:35	Top 5 Radiology Cognitive Errors and How to Avoid Them Carlos H. Torres, MD, FRCPC
4:35 – 4:55	Top 5 Ways to Improve Your Reading Room Workplace and Workflow Edward P. Quigley, III, MD, PhD
4:55 – 5:15	Top 5 Protocol Tweaks to Make Your Scanners Sing Lawrence N. Tanenbaum, MD, FACR
5:15 – 5:35	Top 5 Solutions to Avoid Radiologist Burnout and to Regain Joy at Work David M. Yousem, MD, MBA
5:35 – 5:40	Pearl From My Mentor ♦
5:40	End of Session
5:40 – 5:45	Awards Presentations: Scientific Abstracts, Case-of-the-Day and Golf Tournament Winners ♦
5:45 – 6:15	Annual Business Meeting (ASHNR Members Only) ♦
7:00	Gala at Savannah Station
Sunday, September 7:30 – 8:00 AM	Continental Breakfast for Registrants
	I Session IV - Core Curriculum/Everything You Need to
Know About the	Cervical Lymph Nodes Cure, MD and Courtney M. Tomblinson, MD
8:00 - 8:25	Nodal Levels and Criteria for Significance Peter M. Som, MD, FACR, FRSM
8:25 - 8:50	Differential Diagnosis of Cervical Lymphadenopathy Karen L. Salzman, MD
8:50 – 9:10	Techniques for Imaging the Cervical Lymph Nodes Ashok Srinivasan, MD
9:10 – 9:30	Types of Neck Dissection and the Post-operative Neck Daniel W. Williams, Ill, MD
9:30 – 9:45	Refreshment Break
	M Session V - Core Curriculum/12 am H&N Radiology m A. Kennedy, MD, and Matthew S. Parsons, MD
9:45 – 10:10	Facial Trauma Robert E. Morales, MD
10:10 – 10:30	Temporal Bone Trauma Rebecca S. Cornelius, MD, FACR
10:30 – 10:50	Neck/Face Swelling Tabassum A. Kennedy, MD
10:50 – 11:10	Dysphagia/Odynophagia Tanya J. Rath, MD
11:10 – 11:30	Otalgia Karen A. Tong, MD
11:30 – 11:40	Closing Remarks Deborah R. Shatzkes, MD
11:40	End of Meeting

Faculty & topics subject to change.
♦ Session not accredited for AMA PRA Category 1 Credit(s)TM or Category A CE Credit(s) * This SAM session will be submitted for approval and is subject to change.

Invited Faculty and Moderators

INVITED FACULTY / MODERATORS

Salmaan Ahmed, MD UTMD Anderson Cancer Center

Ashley Hawk Aiken, MD Emory University School of Medicine

Yoshimi Anzai, MD, MPH University of Utah Health Care

Joseph M. Aulino, MD Vanderbilt University Medical Center

Kristen Lloyd Baugnon, MD Emory University School of Medicine

Larissa T. Bilaniuk, MD, FACR The Children's Hospital of Philadelphia

Susan I. Blaser, MD, FRCP(C) The Hospital for Sick Children

Ari M. Blitz, MD Johns Hopkins Hospital

Timothy N. Booth, MD University of Texas Southwestern Medical Center

Barton F. Branstetter, IV, MD, FACR University of Pittsburgh Medical Center

Philip R. Chapman, MD University of Alabama Birmingham

Asim F. Choudhri, MD University of Tennessee Health Science Center

Luiz O. Coelho, MD Hospital Erasto Gaertner

Amanda S. Corey, MD, FACR Emory University

Rebecca S. Cornelius, MD, FACR University of Cincinnati College of Medicine

Peter D. Costantino, MD Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Mary Elizabeth Cunnane, MD Harvard Medical School

Joel K. Cure, MD University of Alabama at Birmingham

Hugh D. Curtin, MD, FACR Harvard Medical School

Roberta W. Dalley, MD University of Washington Medical Center

David R. DeLone, MD Mayo Clinic

William P. Dillon, MD University of California, San Francisco

Nikdokht (Niky) Farid, MD University of California, San Diego

Girish M. Fatterpekar, MBBS, DNB, MD NYU Langone Medical Center

Nancy J. Fischbein, MD Stanford University School of Medicine

Reza Forghani, MD, PhD Jewish General Hospital McGill University

Elliott Friedman, MD University of Texas Health Science Center at Houston

Eloisa Santiago Gebrim, MD, PhD University of São Paulo, Hospital das Clínicas Lindell R. Gentry, MD, FACR Retired - Professor of Radiology University of Wisconsin

Lawrence E. Ginsberg, MD The University of Texas MD Anderson Cancer Center

Christine M. Glastonbury, MBBS University of California, San Francisco

John L. Go, MD, FACR University of Southern California

Julian Park Nam Goh, MBBS Tan Tock Seng Hospital, Singapore

Regina Lúcia Elia Gomes, MD University of São Paulo

Mari Hagiwara, MD New York University Langone Medical Center

Bronwyn E. Hamilton, MD Oregon Health & Science University

Anton N. Hasso, MD, FACR University of California, Irvine Medical Center

Mai-Lan Ho, MD Mayo Clinic

Roy A. Holliday, MD The New York Eye & Ear Infirmary

Joseph M. Hoxworth, MD Mayo Clinic

Benjamin Y. Huang, MD University of North Carolina

Patricia A. Hudgins, MD, FACR Emory University School of Medicine

Vikas Jain, MBBS Case Western Reserve University

Amy Fan-Yee Juliano, MD Harvard Medical School

Peter Kalina, MD, MBA, FACR Mayo Clinic

Edward E. Kassel, DDS, MD, FACR University of Toronto

Hillary R. Kelly, MD Harvard Medical School

Tabassum A. Kennedy, MDThe University of Wisconsin Madison

Rihan Khan, MD University of Arizona College of Medicine

Claudia F.E. Kirsch, MD Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Bernadette L. Koch, MD University of Cincinnati College of Medicine

Nicholas A. Koontz, MD Indiana University School of Medicine

Dennis H. Kraus, MD, FACS Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Marcia Komlos Kukreja, MD Texas Children's Hospital

John (Jack) I. Lane, MD Mayo Clinic

Joshua E. Lantos, MD Weill Cornell Medical College NewYork-Presbyterian Hospital

Timothy L. Larson, MD Radia Inc., PS

Remy R. Lobo, MD University of Michigan Laurie A. Loevner, MD University of Pennsylvania Health System

Daniel E. Meltzer, MD Icahn School of Medicine Mount Sinai West

Michelle A. Michel, MD Medical College of Wisconsin Karen K. Moeller, MD

Mark D. Mamlouk, MD

Kaiser Permanente

Norton Children's Hospital **Gul Moonis, MBBS** Columbia University Medical Center

Robert E. Morales, MD University of Maryland School of Medicine

Kristine M. Mosier, DMD, PhD Indiana University School of Medicine

Sugoto Mukherjee, MD University of Virginia Health System

Suresh K. Mukherji, MD, MBA, FACR Michigan State University

David J. Panasci, MD Zwanger Pesiri Radiology

Matthew S. Parsons, MD Washington University in St. Louis School of Medicine

C. Douglas Phillips, MD, FACR Weill Cornell Medical College NewYork-Presbyterian Hospital

Bruno A. Policeni, MD, MBA University of Iowa Hospital and Clinics

Bidyut K. Pramanik, MD Donald and Barbara Zucker School of Medicine At Hofstra/Northwell

Edward P. Quigley, III, MD, PhD University of Utah

Tanya J. Rath, MD University of Pittsburgh Medical Center

Deborah L. Reede, MD SUNY Downstate Medical Center

Caroline D. Robson, MB, ChB Boston Children's Hospital

Karen L. Salzman, MD University of Utah School of Medicine

Stephen C. Scharf, MD Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Charles J. Schatz, MD, FACR Beverly Tower Wilshire Advanced Imaging

Ilona M. Schmalfuss, MD University of Florida School of Medicine

Ali R. Sepahdari, MD Scripps Clinic Medical Group

Deborah R. Shatzkes, MD Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Keivan Shifteh, MD Montefiore Medical Center

Barry A. Shpizner, MD Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Wendy R.K. Smoker, MS, MD, FACR The University of Iowa Hospitals and Clinics

Peter M. Som, MD, FACR, FRSM Ichan School of Medicine at Mount Sinai

Ashok Srinivasan, MD University of Michigan Hilda E. Stambuk, MD Weill Cornell Medical College

Jared M. Steinklein, MD Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Joel D. Swartz, MD Germantown Imaging Associates

Dania F. Tamimi, BDS, DMSc Private Practice

Lawrence N. Tanenbaum, MD, FACR RadNet. Inc.

Courtney M. Tomblinson, MD Vanderbilt University

Karen A. Tong, MD Loma Linda University Medical Center

Carlos H. Torres, MD, FRCPC University of Ottawa

Jennifer A. Vaughn, MD Children's Hospital Boston

Steven M. Weindling, MD Mayo Clinic - Florida

Richard H. Wiggins, III, MD, CIIP, FSIIM

University of Utah Health Sciences Center Daniel W. Williams, III, MD

Washington University School of Medicine

Princess Margaret Cancer Centre University

Wake Forest School of Medicine

Franz J. Wippold, II, MD

Christopher P. Wood, MD

David M. Yousem, MD, MBA

Johns Hopkins Medical Institution

Robert A. Zimmerman, MD

Weill Cornell Medical College

CASE-OF-THE-DAY

PRESENTERS:

Mariah H. Bashir, MD

Vaios Hatzoglou, MD

Jennifer L. McCarty, MD

William McFarland, MD

Rupa Radhakrishnan, MD

Katherine J. Reinshagen, MD

Courtney M. Tomblinson, MD

HANAFEE, MD RESEARCH

Faculty & topics subject to change.

Mrudula Penta, MD

Blair A. Winegar, MD

2017 WILLIAM N.

GRANT AWARD

Jeffrey P. Guenette, MD

RECIPIENT:

The Children's Hospital of Philadelphia

Robert D. Zimmerman, MD, FACR

New York Presbyterian Hospital - Cornell

Eugene Yu, MD, FRCPC

Mayo Clinic

of Toronto

Annual Meeting American Society of Head & Neck Radiology

A late fee of \$75 will be added to any registration postmarked after August 17, 2018.

ASHNR Member	□ ^{\$} 625. ⁰⁰		Yes. I plan to attend th	e Opening Reception • Wedne	sdav. Septer	nber 26. 20	018	
Non-ASHNR Member	□ \$825.00		Yes, I plan to attend the Gold Medal Award Luncheon • Friday, September 28, 2018					
Members-in-Training Resident Fellow Medical Student	□ \$350.00	-	(You must RSVP to attend, seating is limited.) (Free for ASHNR members; 🗅 \$35 for Non-Members)					
Other Technologist Physician Assistant Military Retired	□ \$400.00		Vegetarian Option					
Retired ASHNR Member	□ Free			e Gala at Savannah Station 29, 2018 (Free for attendees; g	guests additio	onal)		
International Attendees (outside of North America) 50% discount on meeting registration rates listed above.			Guest/Spouse Gala Fee				□ \$70.00	
9-hole Golf Tournament Registration (Separate registration f	from the meet	ting	registration) • Please	be sure to complete the follov	ving:			
Friday, September 28, 2018 • 2:00 PM Shot Gun Start						Callaway		
Guest 1 Name:				• \$89+Tax Handicap A: <i>Rental Clubs Availa</i> (<i>limited amount</i>) at a				
Guest 2 Name:				• \$89+Tax Handicap E	3:		per set and includes pouch and six golf	
Guest 3 Name:				• \$89+Tax Handicap (D:	balls. Plea.	se contact The Club at	
Guest 4 Name:				• \$89+Tax Handicap [• \$89+Tax Handicap D: Savannah Harbor directly at (912) 201-2005 to reserve			
				Subtotal \$		rental club		
				TOTAL ENCLOSED	:\$			
	NTERNET		MAIL Check payable to: ASHNR	c/o Educational Symposia 5620 West Sligh Avenue Tampa, Florida 33634-4490	FAX (813) 806-1	001	PHONE (813) 806-1000	
Name				Degree D.O.		DMD 🗖	Ph.D. 🛛 Other	
Company / Institution Specialty: Que Neurora	diology 🖵 Oto	olar	ngology 📮 Radiation	Oncology Maxillofacia	l Radiology	Dentisti	ry 🖵 Other	
Address				City / State / Zip Code / Cou	intry			
Phone				Email (Required for Electro	onic Syllabu	s)		
Card Number / Card Type: Master Card Visa American Express	s 🗅 Discover			Expiration Date	See	curity Code	9	
Billing Address				City / State / Zip Code / Cou	Intry			

Cardholder Signature

Cancellations: Requests for refund of registration fees, less a \$75.00 administrative fee, will be made to those providing written notification of cancellation by August 17, 2018. After that date, there will be no refunds given for cancellations. Please email notice of cancellation to: lsessa@edusymp.com or fax to 813-806-1001.

The Westin Savannah Harbor Golf Resort & Spa

ABOUT THE RESORT

Experience the sophistication of the "Hostess City" with a visit to The Westin Savannah, ideally situated right on the waterfront.

The resort is just moments from Savannah's best shopping, nightlife, and attractions - and has a complimentary ferry service which places it all easily within your reach. Spacious rooms and suites are appointed with chic, soothing decor and famous Westin Heavenly Beds®. Some also feature private balconies. Additional resort highlights include award-winning golf and tennis, as well as a Deepwater Dock right on the Savannah River; the on-site Heavenly Spa encourages total relaxation and well-being. Treat yourself to outstanding dining at Aqua Star, or plan an event in the majestic waterfront Harbor Ballroom - a premier venue among Savannah, GA hotels.

HOW TO GET THERE

Fly directly to Savannah Hilton Head International Airport, located just 30 minutes from the Westin Savannah Harbor Golf Resort & Spa. Daily non-stop flights are available within the U.S. and Canada.



SPACE IS LIMITED - RESERVE TODAY: Call Reservations at: (800) 228-3000 and reference "American Society of Head and Neck Radiology Annual Meeting or ASHNR Annual Meeting" to receive the group discount or book online at: https://www.starwoodmeeting.com/events/start.action?id=17092542978kev=A4C16FE

Group Room Rates Start At..... \$230.00/nt. (Single/Double Occupancy)

Cost for additional person over double occupancy: \$255 - triple and \$280-quad.

HOTEL TAX AND FEES:

13% hotel tax, \$2.50 occupancy tax per room per night plus \$5.00 Georgia Hotel/Motel Fee.

ROOM PREFERENCE: King bed/Two double beds – Room types are not guaranteed, assigned at check-in. Smoke-free property. HOTEL CUT-OFF DATE: SEPTEMBER 2, 2018 - Subject to availability, group rates may be available three (3) days before and three (3) days after the conference. DAILY RESORT FEE: Waived

DAILY RESORT FEE: Waived

DEPOSIT POLICY: A major credit card is required to guarantee accommodations.

CANCELLATION POLICY: All cancellations, arrival and departure date changes must be made 72 hours or more prior to scheduled arrival date/time to avoid penalties. Check-in time is: 4:00 PM; Check-out time is: 12:00 PM.

HOTEL: 1 Resort Drive Savannah, Georgia 31421 PHONE: (912) 201-2000

ASHNR18

AMERICAN SOCIETY OF HEAD & NECK RADIOLOGY

c/o Educational Symposia 5620 West Sligh Avenue Tampa, Florida 33634-4490



SAVE THE DATE ASHNR 53rd Annual Meeting October 2 - 6, 2019 The Westin Kierland Besort & Spa

Scottsdale, Arizona

ASHNR American Society of Head & Neck Radiology

BM-ASHNR18

PRSRT STD U.S. POSTAGE PAID TAMPA, FL PERMIT NO. 3800



Practical Head & Neck Imaging with a Dose of Southern Charm

September 26 - 30, 2018

The Westin Savannah Harbor Golf Resort & Spa Savannah, GA

27.5 AMA PRA Category 1 Credit(s)TM Eight hours will be submitted for SAM qualification. Call for Abstracts at www.ashnr.org • Deadline: May 10, 2018