



51st Annual Meeting

American Society of

Head & Neck Radiology

Head and Neck Imaging in the City of Lights

September 16 – 20, 2017
(Saturday - Wednesday)

Caesars Palace
Las Vegas, Nevada

26.5 AMA PRA Category 1 Credit(s)[™]

Four sessions of the meeting will be submitted for SAM qualification.

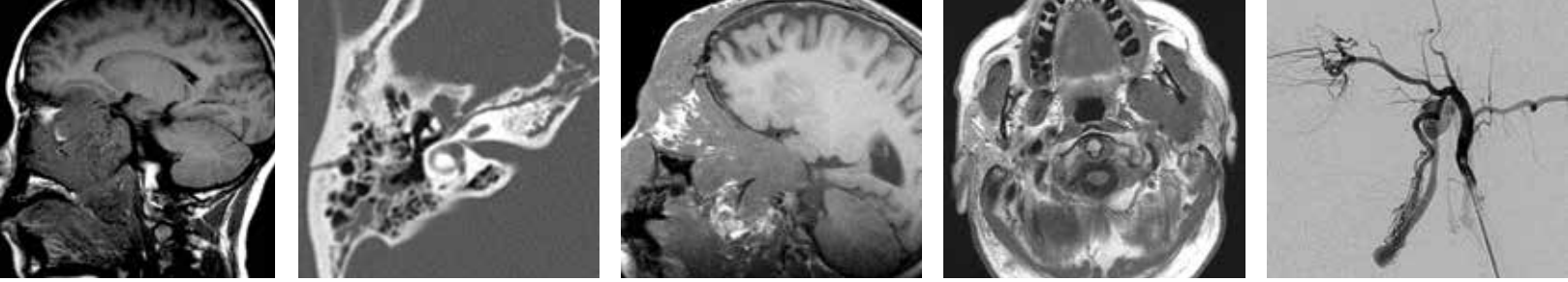
Hands-on US and US-Guided Workshop
Sponsored by Hitachi Aloka Medical America, Inc.

Tuesday, September 19, 2017

Separate Registration Required
Registration Limited to 20 Attendees Per Workshop

Not accredited for AMA PRA Category 1 Credit(s)[™]

Call for Abstracts at www.ashnr.org • Deadline: May 19, 2017



From The President-Elect and Program Chair

On behalf of the American Society of Head and Neck Radiology, I would like to personally invite you to Las Vegas, Nevada for the ASHNR 51st Annual Meeting, from Saturday, September 16 - Wednesday, September 20, 2017. This meeting, titled *Head and Neck Imaging in the City of Lights*, will feature over 60 head and neck imaging speakers, including well-known experts and new rising stars in the field. These experienced educators will provide clinically relevant lectures on head and neck anatomy and pathology as well as advanced imaging techniques.

The meeting will begin with the Early Bird Temporal Bone and Skull Base Session on Saturday morning, September 16. Afternoon programming will cover orbit and glandular imaging. Sunday, September 17 will open with a SAM session covering a variety of head and neck topics, followed by lectures on temporal bone and skull base. Sunday afternoon will cover head and neck cancer topics, and will conclude with a beautifully produced Head & Neck Jeopardy game show. Monday, September 18 will open with more temporal bone and skull base topics, followed by a special session on value-added head and neck imaging, which will cover errors in radiology and ways to improve our clinical services. The day will conclude with a SAM session on clinical problem solving - cranial nerve pathology. Tuesday, September 19 will open with a session on head and neck anatomy and pathology, followed by a session on advanced imaging techniques. Afternoon sessions will cover topics in head and neck ultrasound and once again offer the popular unaccredited "Hands-on Ultrasound Workshop", where attendees have the chance to practice ultrasound-guided biopsy techniques on phantoms. The meeting will conclude on Wednesday, September 20 with two SAM sessions covering neck masses, sinuses and maxillofacial imaging.

There will be over 26 hours of education available to you. Four sessions will be submitted for SAM qualification.

Las Vegas is known for its myriad entertainment opportunities, shopping, wide variety of dining options and some spectacular nearby sightseeing and hiking opportunities. Caesars Palace is an iconic Las Vegas luxury hotel with upscale rooms, an eclectic assortment of top chef restaurants, six different luxurious pools, entertainment venues, the Forum shops and a world-class spa. The hotel has a prime location at the center of the Las Vegas strip. The ASHNR Closing Gala will be held at Heart, a club within the Omnia nightclub complex located on the Caesars Palace property. It is my pleasure and honor as the Program Chair to invite you to attend the ASHNR 51st Annual Meeting. Viva Las Vegas!

Rebecca S. Cornelius, MD, FACR
 President-Elect and Program Chair
 American Society of Head & Neck Radiology

Accreditation

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.

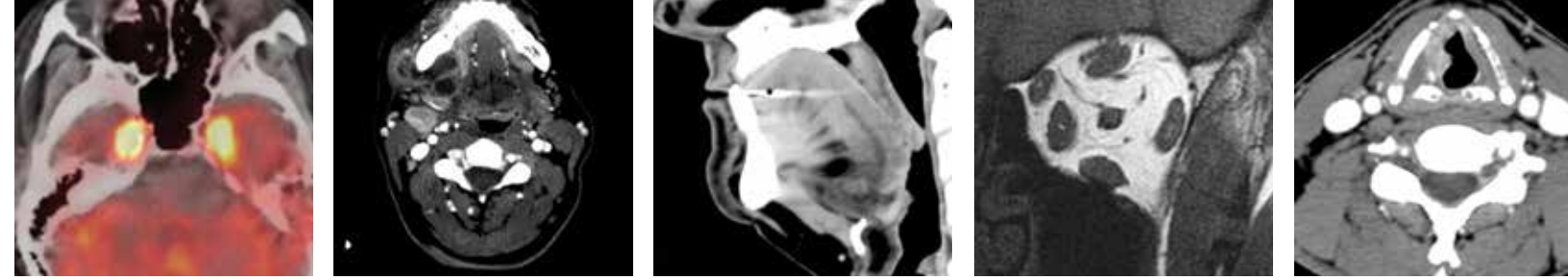
Educational Symposia designates this live activity for a maximum of 26.5 *AMA PRA Category 1 Credit(s)*TM, including 1.25 *AMA PRA Category 1 Credit(s)*TM for the Early Bird Temporal Bone & Skull Base Session. Physicians should claim only the credit commensurate with the extent of their participation 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 1-800-338-5901 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 an interest in head and neck imaging who wish to increase their knowledge of imaging and treatment of head and neck pathology.
- Dental and oral-maxillofacial practitioners with an interest in pathology and imaging of the face and adjacent soft tissues.
- Non-radiologists, including ENT physicians, head and neck surgeons, medical and radiation oncologists, and 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 and imaging.
- Physicians-in-training, residents and fellows pursuing careers in radiology, otolaryngology, and treatment of head and neck cancer.



Educational Objectives

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

- Identify the anatomy of the temporal bone, skull base, sinuses and neck.
- Describe patterns of head and neck lymphatic cancer spread.
- Review the anatomy of cranial nerves and the clinical presentation of various pathologies affecting cranial nerves.
- Identify the imaging features and clinical significance of perineural tumor spread.
- Describe the common infectious and inflammatory processes that involve the orbit, neck, and temporal bone.
- Discuss uses of ultrasound in the head and neck including ultrasound-guided head and neck biopsy techniques.
- Describe the indications and clinical applications for perfusion and diffusion imaging of head and neck tumors.
- Determine the best imaging technique for staging of head and neck cancer.
- Identify sources for errors in head and neck imaging and potential paths to improvement.
- Discuss the benefits and limitations of PET/CT imaging for head and neck cancer.
- Recognize imaging features of various developmental lesions of the face, orbit, temporal bone, and neck.
- Evaluate emergent head and neck pathology.

No special educational preparation is required for this CME activity.

2016 - 2017 Program Committee

Rebecca S. Cornelius, MD, FACR
President-Elect and Program Chair

Lindell R. Gentry, MD, FACR

Christine M. Glastonbury, MBBS

Michelle A. Michel, MD

Sugoto Mukherjee, MD

Caroline D. Robson, MB, ChB

Deborah R. Shatzkes, MD

Richard H. Wiggins III, MD, CIIP, FSIIM

2016 - 2017 Executive Committee

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Junior Member-at-Large

Nancy J. Fischbein, MD
Education Committee Chair

Peter H.B. McCreight, MD, FACR
ACR Councilor

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 19, 2017**.

Early Bird Temporal Bone & Skull Base Session Saturday, September 16, 2017 10:00 AM – 11:15 AM

Please join us for the Early Bird Temporal Bone & Skull Base Session (1.25 AMA PRA Category 1 Credit(s)[™]) 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.

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 (800) 338-5901 or (813) 806-1000.

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

Saturday, September 16, 2017

9:00 AM Registration Opens

10:00 – 11:15 Early Bird Temporal Bone & Skull Base Session

Moderators: Hugh D. Curtin, MD, FACR, Laurie A. Loevner, MD & Caroline D. Robson, MB, ChB

Please bring your interesting cases on USB drive between 9:00am - 9:45am and share with your colleagues and the experts.

11:15 – 12:30 PM Lunch on Your Own

12:30 – 12:40 Welcoming Remarks

Rebecca S. Cornelius, MD, FACR

Session 1 - Orbit

Moderators: Susan I. Blaser, MD, FRCP(C) & Asim F. Choudhri, MD

12:40 – 1:05 Orbit Infection & Inflammation
Mary Elizabeth Cunnane, MD

1:05 – 1:30 Pediatric Orbital & Ocular Masses
Bernadette L. Koch, MD

1:30 – 1:55 Adult Orbital Tumors
Wendy R.K. Smoker, MS, MD, FACR

1:55 – 2:20 Orbital Implants: Normal Imaging Appearance & Complications
Ilona M. Schmalfluss, MD

2:20 – 2:40 Refreshment Break and Visit Exhibitors

Session 2 - Glandular Imaging

Moderators: Raymond F. Carmody, MD, FACR & Edward E. Kassel, DDS, MD, FACR

2:40 – 3:05 Salivary Gland Tumors
Richard H. Wiggins, III, MD, CIIP, FSIIM

3:05 – 3:30 Non Neoplastic Salivary Pathology
Karen L. Salzman, MD

3:30 – 3:55 Parathyroid Imaging
C. Douglas Phillips, MD, FACR

3:55 – 4:20 Thyroid Nodules- Understanding & Applying ACR TI-RADS
Jenny K. Hoang, MBBS

4:20 – 4:45 Evaluation of a Palpable Thyroid Mass
Yoshimi Anzai, MD, MPH

4:45 End of Session

4:45 – 4:55 2016 William N. Hanafee, MD Research Grant Award Presentation ♦
Recipient: Jason M. Johnson, MD

4:55 – 5:00 Daily Announcements

6:00 Opening Reception

Sunday, September 17, 2017

7:00 – 7:30 AM Breakfast & Learn How-To Session ♦

Session 3 - SAM Session I - Head & Neck Potpourri

Moderators: Joseph M. Aulino, MD & Anton N. Hasso, MD, FACR

7:45 – 8:10 Adult Neck Emergencies
Michelle A. Michel, MD

8:10 – 8:35 Pediatric Head & Neck Emergencies
Benita Tamrazi, MD

8:35 – 9:00 Vascular Lesions of the Head & Neck
Deborah R. Shatzkes, MD

9:00 – 9:25 "Stop Touching Me" – NVC Syndromes
Michael R. Cathey, MD

9:25 – 9:50 Pediatric Oral Cavity & Oropharyngeal Cases
Karen K. Moeller, MD

9:50 – 10:10 Refreshment Break and Visit Exhibitors

Sunday, September 17, 2017 (continued)

Session 4 - Temporal Bone & Skull Base - Part 1

Moderators: John L. Go, MD, FACR & Timothy L. Larson, MD

10:10 – 10:35 Temporal Bone Anatomy
Hillary R. Kelly, MD

10:35 – 11:00 Pediatric Hearing Loss
Caroline D. Robson, MB, ChB

11:00 – 11:25 SNHL & Work Up For Cochlear Implant
Hugh D. Curtin, MD, FACR

11:25 – 11:50 State-of-the-Art Cochlear & Brainstem Implantation
Ravi N. Samy, MD, FACS

11:50 – 12:15 PM Imaging of Temporal Bone & Skull Base Infection
Joel D. Swartz, MD

12:15 – 1:15 Lunch & Learn How-To Session ♦

Session 5 - Head & Neck Cancer - Part 1

Moderators: Nikdokht (Niky) Farid, MD & Eugene Yu, MD

1:30 – 1:55 Nasopharyngeal Cancer
Robert E. Morales, MD

1:55 – 2:20 Oral Cavity & Oropharyngeal Cancer
Kristine M. Mosier, DMD, PhD

2:20 – 2:45 Hypopharyngeal & Laryngeal Cancer
Vikas Jain, MBBS

2:45 – 3:10 PET/CT Surveillance
Barton F. Branstetter, IV, MD, FACR

3:10 – 3:30 Refreshment Break and Visit Exhibitors

Session 6 - Head & Neck Cancer - Part 2

Moderators: Tanya J. Rath, MD & Christopher P. Wood, MD

3:30 – 3:55 Understanding Perineural Tumor Spread
Hilda E. Stambuk, MD

3:55 – 4:20 NI-RADS
Ashley Hawk Aiken, MD

4:20 – 4:45 Head & Neck Reconstruction Flaps
Amanda S. Corey, MD, FACR

4:45 – 5:00 Refreshment Break and Visit Exhibitors

Session 7- Game Show

5:00 – 6:00 Head and Neck "Jeopardy" Game Show
Creator & Host - Claudia F.E. Kirsch, MD
Co-Hosts - Justin Brucker, MD and Karen A. Tong, MD

6:00 End of Session

Monday, September 18, 2017

7:00 – 7:30 AM Breakfast & Learn How-To Session ♦
Sponsored by McKesson Imaging & Workflow Solutions

Session 8 - Temporal Bone & Skull Base - Part 2

Moderators: Joel K. Cure, MD & John (Jack) I. Lane, MD

7:45 – 8:10 Skull Base Anatomy, Variants & "Don't Touch Me Lesions"
Nancy J. Fischbein, MD

8:10 – 8:35 CPA Tumors
Amy F. Juliano, MD

8:35 – 9:00 CPA Surgery
Ravi N. Samy, MD, FACS

9:00 – 9:25 Post-Operative Temporal Bone
Gul Moonis, MB, BS

9:25 – 9:50 Skull Base Trauma/CSF Leak
Kristen Lloyd Bagnon, MD

9:50 – 10:05 Refreshment Break and Visit Exhibitors

Monday, September 18, 2017 (continued)

Session 9 - Value-Added Head & Neck Radiology: Errors & Pathways to Improvement

Moderators: Barton F. Branstetter, IV, MD, FACR & Edward J. Escott, MD

- 10:05 – 10:40 **Errors in Radiology**
Christine M. Glastonbury, MBBS
- 10:40 – 11:05 **Avoiding Errors in Head & Neck Cancer Imaging**
Lawrence E. Ginsberg, MD
- 11:05 – 11:30 **Missed Cases in Head & Neck Imaging**
Philip R. Chapman, MD
- 11:30 – 11:55 **Dedicated Head & Neck Imaging Service**
Patricia A. Hudgins, MD, FACR
- 11:55 – 12:20 PM **Head & Neck Tumor Conference: Lessons for the Radiologist**
David R. DeLone, MD
- 12:20 – 1:30 **Gold Medal Award Luncheon ♦**
- 1:30 – 2:45 **Scientific Paper Sessions I and II ♦**
Moderators:
Anthony M. Alleman, MD, MPH, Roy A. Holliday, MD, Claudia F.E. Kirsch, MD & Karen A. Tong, MD

Session 10 - SAM Session II: Clinical Problem Solving-Cranial Nerves

Moderators: Roberta W. Dalley, MD & Charles J. Schatz, MD, FACR

- 2:50 – 3:15 **Vision Loss**
Tabassum A. Kennedy, MD
- 3:15 – 3:40 **Facial Pain**
Daniel W. Williams, III, MD
- 3:40 – 4:05 **Facial Paralysis**
Lindell R. Gentry, MD, FACR
- 4:05 – 4:30 **Tinnitus**
Bruno A. Policeni, MD, MBA
- 4:30 – 4:55 **Hoarseness**
Mari Hagiwara, MD
- 4:55 – 5:00 **Daily Announcements**
- 5:00 **End of Session**

Tuesday, September 19, 2017

- 7:00 – 7:30 AM **Breakfast & Learn How-To Session ♦**
Sponsored by Philips Healthcare

Session 11 - Head & Neck Anatomy and Pathology

Moderators: Bronwyn E. Hamilton, MD & Michele H. Johnson, MD

- 7:45 – 8:10 **Masticator Space**
Daniel E. Meltzer, MD
- 8:10 – 8:35 **Parapharyngeal & Carotid Space**
H. Christian Davidson, MD
- 8:35 – 9:00 **Retropharyngeal, Danger & Paraspinal Spaces**
Keivan Shifteh, MD
- 9:00 – 9:25 **Thoracic Inlet**
Deborah L. Reede, MD
- 9:25 – 9:40 **Refreshment Break and Visit Exhibitors**
- 9:40 – 10:55 **Scientific Paper Session III ♦**
Moderators:
Kristine M. Mosier, DMD, PhD & Momin Muzaffar, MD

Tuesday, September 19, 2017 (continued)

Session 12 - Advanced Imaging

Moderators: Nicholas A. Koontz, MD & David M. Yousem, MD, MBA

- 11:00 – 11:25 **Dual Energy CT in Head & Neck**
Reza Forghani, MD, PhD
- 11:25 – 11:50 **Biological & Molecular CT Imaging**
Suresh K. Mukherji, MD, FACR, MBA
- 11:50 – 12:15 PM **Perfusion & Diffusion Imaging**
Ashok Srinivasan, MD
- 12:15 – 12:45 **Annual Business Lunch Meeting ♦**
(ASHNR Members Only)
- 12:15 – 1:15 **Lunch on Your Own**
- 1:15 – 1:30 **Award Announcements - Case-of-the-Day, Exhibits and Oral Presentations ♦**
Nancy J. Fischbein, MD

Session 13 - Head & Neck Ultrasound

Moderators: Rupa Radhakrishnan, MD & Nathaniel D. Von Fischer, MD

- 1:30 – 1:55 **Salivary Gland Ultrasound**
Kim O. Learned, MD
- 1:55 – 2:20 **Controversies in Head & Neck Ultrasound**
Julie L. Bykowski, MD
- 2:20 – 2:45 **Advanced Ultrasound Biopsy Techniques**
Beth S. Edeiken-Monroe, MD
- 2:45 **End of Session**
- 2:45 – 5:00 **Hands-on US and US-Guided Workshop ♦**
Sponsored by Hitachi Aloka Medical America, Inc.
Instructors: Salmaan Ahmed, MD, Beth S. Edeiken-Monroe, MD, Maria Gule, MD, Kim O. Learned, MD & Thinh H. Vu, MD
- 7:00 – 10:00 **Closing Gala at Heart Night Club at the Omnia (Caesars Palace)**

Wednesday, September 20, 2017

- 8:00 – 8:30 AM **Continental Breakfast for Registrants**

Session 14 - SAM Session III - Neck Masses, Sinuses & Maxillofacial Imaging - Part 1

Moderators: Rihan Khan, MD & Daniel L. Wannemacher, MD

- 8:30 – 8:55 **Imaging of Cervical Lymphadenopathy in Children**
Jennifer A. Vaughn, MD
- 8:55 – 9:20 **Non-nodal Pediatric Neck Masses**
Mai-Lan Ho, MD
- 9:20 – 9:45 **Sinonasal Anatomy**
Rihan Khan, MD
- 9:45 – 10:10 **Sinonasal Tumors**
Gregory D. Avey, MD

- 10:10 – 10:25 **Refreshment Break and Visit Exhibitors**

Session 15 - SAM Session IV - Sinus & Maxillofacial Imaging - Part 2

Moderators: Sugoto Mukherjee, MD & Osamu Sakai, MD, PhD

- 10:25 – 10:45 **Sinus Surgery & Post Operative Sinus Imaging**
Vijay M. Rao, MD, FACR
- 10:45 – 11:10 **Understanding the TMJ**
Dania F. Tamimi, BDS, DMSc
- 11:10 – 11:35 **Facial Trauma**
Edward P. Quigley, III, MD, PhD
- 11:35 – 11:45 **Closing Remarks**
Rebecca S. Cornelius, MD, FACR

- 11:45 **End of Meeting**

Faculty & topics subject to change.

♦ Session not accredited for AMA PRA Category 1 Credit(s)[™] 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

Ashley Hawk Aiken, MD

Emory University School of Medicine

Anthony M. Alleman, MD, MPH

Oklahoma University Health Sciences

Yoshimi Anzai, MD, MPH

University of Utah Healthcare

Joseph M. Aulino, MD

Vanderbilt University Medical Center

Gregory D. Avey, MD

University of Wisconsin School of Medicine and Public Health

Kristen Lloyd Baugnon, MD

Emory University School of Medicine

Susan I. Blaser, MD, FRCP(C)

University of Toronto

Barton F. Branstetter, IV, MD, FACP

University of Pittsburgh Medical Center

Justin Brucker, MD

University of Rochester Medical Center

Julie L. Bykowski, MD

University of California San Diego Health

Raymond F. Carmody, MD, FACP

Banner University of Arizona Medical Center

Michael R. Cathey, MD

Naval Medical Center San Diego

Philip R. Chapman, MD

University of Alabama Birmingham

Asim F. Choudhri, MD

University of Tennessee Health Science Center

Amanda S. Corey, MD, FACP

Emory University

Rebecca S. Cornelius, MD, FACP

University of Cincinnati College of Medicine

Mary Elizabeth Cunnane, MD

Harvard Medical School

Joel K. Cure, MD

University of Alabama at Birmingham

Hugh D. Curtin, MD, FACP

Harvard Medical School

Roberta W. Dalley, MD

University of Washington Medical Center

H. Christian Davidson, MD

University of Utah School of Medicine

David R. DeLone, MD

Mayo Clinic

Beth S. Edeiken-Monroe, MD

University of Texas M.D. Anderson Cancer Center

Edward J. Escott, MD

University of Kentucky College of Medicine

Nikdokht (Niky) Farid, MD

University of California, San Diego

Nancy J. Fischbein, MD

Stanford University School of Medicine

Reza Forghani, MD, PhD

Jewish General Hospital

Lindell R. Gentry, MD, FACP

University of Wisconsin, Madison

Lawrence E. Ginsberg, MD

University of Texas M.D. Anderson Cancer Center

Christine M. Glastonbury, MBBS

University of California, San Francisco

John L. Go, MD, FACP

Keck School of Medicine

Mari Hagiwara, MD

New York University Langone Medical Center

Bronwyn E. Hamilton, MD

Oregon Health & Science University

Anton N. Hasso, MD, FACP

University of California, Irvine Medical Center

Roy A. Holliday, MD

New York Eye & Ear Infirmary

Mai-Lan Ho, MD

Mayo Clinic

Jenny K. Hoang, MBBS

Duke University Medical Center

Patricia A. Hudgins, MD, FACP

Emory University Hospital

Vikas Jain, MBBS

Case Western Reserve University

Michele H. Johnson, MD

Yale University School of Medicine

Amy Fan-Yee Juliano, MD

Harvard Medical School

Edward E. Kassel, DDS, MD, FACP

University of Toronto

Hillary R. Kelly, MD

Massachusetts General Hospital

Tabassum A. Kennedy, MD

University of Wisconsin, Madison

Rihan Khan, MD

University of Arizona College of Medicine

Claudia F.E. Kirsch, MD

Hofstra Northwell School of Medicine

Bernadette L. Koch, MD

Cincinnati Children's Hospital

Nicholas A. Koontz, MD

Indiana University School of Medicine

John (Jack) I. Lane, MD

Mayo Clinic

Timothy L. Larson, MD

Radia Inc., PS

Kim O. Learned, MD

University of Pennsylvania Health System

Laurie A. Loevner, MD

University of Pennsylvania Medical Center

Daniel E. Meltzer, MD

Icahn School of Medicine Mount Sinai West

Michelle A. Michel, MD

Medical College of Wisconsin/Froedtert Hospital

Karen K. Moeller, MD

University of Louisville

Gul Moonis, MB, BS

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, FACP

Michigan State University

Momin Muzaffar, MD

Carle Foundation Hospital

C. Douglas Phillips, MD, FACP

Weill Cornell Medical College

Bruno A. Policeni, MD, MBA

University of Iowa Hospital and Clinics

Edward P. Quigley, III, MD, PhD

University of Utah

Rupa Radhakrishnan, MD

Cincinnati Children's Hospital Medical Center

Vijay M. Rao, MD, FACP

Thomas Jefferson University Hospital

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

Osamu Sakai, MD, PhD

Boston Medical Center

Karen L. Salzman, MD

University of Utah School of Medicine

Ravi N. Samy, MD, FACS

University of Cincinnati College of Medicine

Charles J. Schatz, MD, FACP

Beverly Tower Roxsan Advanced Imaging Center

Ilona M. Schmalfuss, MD

University of Florida School of Medicine

Deborah R. Shatzkes, MD

Lenox Hill Hospital

Keivan Shifteh, MD

Montefiore Medical Center

Wendy R.K. Smoker, MS, MD, FACP

University of Iowa Hospitals and Clinics

Ashok Srinivasan, MD

University of Michigan Health System

Hilda E. Stambuk, MD

Memorial Sloan-Kettering Cancer Center

Joel D. Swartz, MD

Germantown Imaging Associates

Dania F. Tamimi, BDS, DMSc

Institute of Advanced Maxillofacial Imaging

Benita Tamrazi, MD

Children's Hospital Los Angeles

Karen A. Tong, MD

Loma Linda University Medical Center

Jennifer A. Vaughn, MD

Children's Hospital Boston

Nathaniel D. Von Fischer, MD

Kaiser Permanente South San Francisco

Daniel L. Wannemacher, MD

University of Cincinnati

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

University of Utah Health Sciences Center

Daniel W. Williams, MD

Wake Forest University School of Medicine

Christopher P. Wood, MD

Mayo Clinic

David M. Yousem, MD, MBA

Johns Hopkins Hospital

Eugene Yu, MD, FRCPC

Mount Sinai Hospital and Women's College Hospital

CASE-OF-THE-DAY PRESENTERS:

Keerthi Arani, MD

Mai-Lan Ho, MD

Remy R. Lobo, MD

Marc C. Mabray, MD

Mark D. Mamlouk, MD

Ellen E. Parker, MD

Jared M. Steinklein, MD

Jennifer A. Vaughn, MD

Daniel L. Wannemacher, MD

2016 WILLIAM N. HANAFEE, MD RESEARCH GRANT AWARD PRESENTER:

Jason M. Johnson, MD

Registration Information

51st Annual Meeting

American Society of Head & Neck Radiology

ASHNR17

A late fee of \$75 will be added to any registration postmarked after **August 16, 2017**.

ASHNR Member

\$625.00

Non-ASHNR Member

\$825.00

Members-in-Training

\$350.00

Resident Fellow Medical Student

Other

\$400.00

Technologist Physician Assistant Military Retired

Retired ASHNR Member

Free

International Attendees (outside of North America)

50% discount on meeting registration rates listed above.

Hands-on US and US-Guided Workshop

\$70.00

Tuesday, September 19, 2017

Separate Registration Required - Registration is Limited to 20 Attendees Per Workshop
(Not accredited for *AMA PRA Category 1 Credit(s)*TM)

Please Select The Time You Wish To Attend:

SESSION 1: 2:45 PM - 3:45 PM

SESSION 2: 3:45 PM - 4:45 PM

Yes, I plan to attend the Opening Reception
Saturday, September 16, 2017

Yes, I plan to attend the Gold Medal Award Luncheon
Monday, September 18, 2017 (You must RSVP to attend, seating is limited.)
(Free for ASHNR members; \$35 for Non-Members)
 Vegetarian Option

Yes, I plan to attend the Annual Business Meeting (ASHNR MEMBERS ONLY)
Tuesday, September 19, 2017 - Please select one (1) boxed lunch option:
 Roast Beef Grilled Portobello Chicken Caesar Salad

Yes, I plan to attend the Closing Gala at Omnia Nightclub (*must be at least 21 years old to attend*)
Tuesday, September 19, 2017
(Free for attendees; guests additional)

Guest/Spouse Closing Gala Fee

\$70.00

Guest Name _____

TOTAL ENCLOSED: \$ _____

4 Easy Ways To Register

We Accept



INTERNET
www.ASHNR.org

MAIL

Check payable to:
ASHNR

c/o Educational Symposia
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Tampa, Florida
33634-4490

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(U.S. & Canada)
(813) 806-1000

Name _____ Degree M.D. D.O. DDS DMD Ph.D. Other

Company / Institution _____ Specialty: Neuroradiology Otolaryngology Radiation Oncology Maxillofacial Radiology Dentistry Other

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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 16, 2017. After that date, there will be no refunds given for cancellations. Please email notice of cancellation to: lesessa@edusymp.com or fax to 800-344-0668.

Caesars Palace Las Vegas

ABOUT THE HOTEL

From the moment you walk through the doors of Caesars Palace, you'll understand why this iconic Las Vegas luxury hotel sets the standard for opulent details, impeccable service and lavish Las Vegas accommodations.

From celebrity-owned concepts and a world-class buffet to upscale dining and casual fare, Caesars Palace offers the finest restaurants on the Las Vegas strip. Caesars Palace is the ultimate destination for an eclectic assortment of top chef restaurants and other delectable dining options.

Each of the Garden of the Gods' six Las Vegas pools offers a unique and distinctive experience for sun worshippers as well as those who would prefer to make a splash. You're sure to find one perfect for your mood.

HOW TO GET THERE

Fly directly to McCarran International Airport, located just 13 minutes from Caesars Palace Las Vegas. Daily non-stop flights are available to Las Vegas for major national and international carriers.



SPACE IS LIMITED - RESERVE TODAY: Call Reservations at: (866) 227-5944 and reference "American Society of Head and Neck Radiology Annual Meeting or ASHNR Annual Meeting" or reference **GROUP CODE: SCAAM7** to receive the group discount or book online at: <https://aws.passkey.com/go/SCAAM7>

Group Room Rates Start At.... \$209.00/nt.
(Single/Double Occupancy)

Cost for additional person over double occupancy is \$30.00 for 3rd and 4th person.

Room Preference:
King bed/Two queen beds - Smoking/Non-smoking

HOTEL CUT-OFF DATE: AUGUST 18, 2017 - Subject to availability, group rates may be available three (3) days before and three (3) days after the conference.

HOTEL TAX: 13.38% **DAILY RESORT FEE:** \$30.00 per room, per night

DEPOSIT POLICY: A deposit of one (1) night's room rate plus tax will be charged at time of reservation 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: 11:00 AM.

HOTEL: 3570 Las Vegas Blvd. S.
Las Vegas, Nevada 89109

PHONE: 702-731-7110

**AMERICAN SOCIETY OF
HEAD & NECK RADIOLOGY**

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**ASHNR
52nd Annual Meeting**

September 26 - 30, 2018

The Westin Savannah
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Savannah, Georgia



Call for Abstracts at www.ashnr.org
Deadline: May 19, 2017



51st Annual Meeting

American Society of

Head & Neck Radiology

*Head and Neck Imaging in
the City of Lights*



September 16 – 20, 2017
(Saturday - Wednesday)

Caesars Palace • Las Vegas, Nevada

26.5 AMA PRA Category 1 Credit(s)[™]

Four sessions of the meeting will be submitted for SAM qualification.