

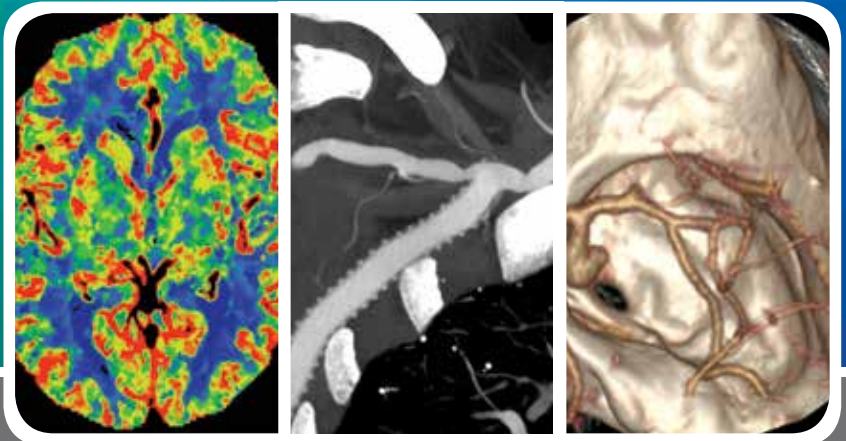
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A CME Teaching Activity

American Society of Head & Neck Radiology

Head and Neck Imaging - Current and Future

Designated for SA-CME



22.0 AMA PRA Category 1 Credit(s)TM

Release Date: January 15, 2018

ESI Educational
Symposia

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About This CME Teaching Activity

This CME teaching activity provides a broad review of head and neck imaging. Speakers present content-rich, clinically relevant materials on head and neck anatomy, nodal metastases, head and neck cancer staging, cranial nerve imaging, sinonasal imaging, and skull base imaging. In addition, pediatric head and neck imaging, parathyroid imaging, and surveillance imaging for head and neck cancer patients is included. Material contained in this product was captured during the 2014 ASHNR live meeting.

Target Audience

This CME teaching activity is designed to educate radiologists, neuroradiologists, dental and oral-maxillofacial practitioner, ENT physicians, head and neck surgeons, medical and radiation oncologists, general surgeons with other healthcare professionals interested in head and neck pathology, treatment and imaging.

Scientific Sponsor

Educational Symposia

Accreditation

Physicians: Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this enduring material for a maximum of 22.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SA-CME: Credits awarded for this enduring activity are designated “SA-CME” by the American Board of Radiology (ABR) and qualify toward fulfilling requirements for Maintenance of Certification (MOC) Part II: Life Long Learning and Self-assessment.

All activity participants are required to pass a written or online test with a minimum score of 70% in order to be awarded credit. (Exam materials, if ordered, will be sent with your order.) All course participants will also have the opportunity to critically evaluate the program as it relates to practice relevance and educational objectives.

AMA PRA Category 1 Credit(s)[™] for this activity may be claimed until January 14, 2021.

This CME activity was planned and produced by Educational Symposia,
the leader in diagnostic imaging education since 1975.

This activity was planned and produced in accordance with the ACCME Essential Areas and Elements.

Educational Objectives

At the completion of this CME teaching activity, you should be able to:

- Identify the anatomy of temporal bone, skull base, suprahyoid neck, and infrahyoid neck.
- Describe the lymphatic drainage and patterns of metastases.
- Review the anatomy of cranial nerves and 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 process that involve the sinonasal region.
- Describe the clinical applications and indications of perfusion and diffusion imaging of head and neck tumor.
- Review current strategies for dose reduction for CT examination for head and neck.
- Discuss the benefit and limitations of PET/CT imaging for head and neck cancer.
- Recognize imaging features of various developmental and odontogenic maxillofacial lesions.

No special educational preparation is required for this CME activity.

Faculty

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(Otolaryngology)*

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*Professor of Radiology
Wake Forest School of Medicine
Winston-Salem, NC*

Program

SESSION 1

SHN Anatomy I – Parapharyngeal, Masticator & Parotid Spaces

H. Christian Davidson, M.D.

SHN Anatomy II – Spaces that Cross the Hyoid Divide - Carotid, Retropharyngeal, and Perivertebral Spaces

Karen L. Salzman, M.D.

Infrahyoid Neck and Thoracic Inlet

Roy A. Holliday, M.D.

Imaging of Cervical Lymph Nodes

Ashley Hawk Aiken, M.D.

SESSION 2

Evaluation of Double Vision

Claudia F. E. Kirsch, M.D.

Evaluation of Facial Pain

Daniel W. Williams, III, M.D.

Evaluation of Facial Paralysis

Jane L. Weissman, M.D., FACR

Evaluation of Tinnitus

C. Douglas Phillips, M.D., FACR

Evaluation of Hoarseness

Hilda E. Stambuk, M.D.

SESSION 3

MRI/MRA Fusion Imaging for Vascular Loop Compression Syndromes

John L. Go, M.D.

Salivary Gland Tumors

Rebecca S. Cornelius, M.D., FACR

SESSION 3 (continued)

Imaging of the Thyroid Mass

Jenny K. Hoang, MBBS

Pediatric Ocular Lesions and Orbital Masses

Bernadette L. Koch, M.D.

SESSION 4

Vascular Lesions of the Head & Neck

Deborah R. Shatzkes, M.D.

Nasopharyngeal Cancer and Patterns of Spread

Christine M. Glastonbury, MBBS

Imaging of Oropharynx Cancer and Implications for Treatment

Robert E. Morales, M.D.

Imaging of Oral Cavity Cancer

Kristine M. Mosier, DM.D., Ph.D.

SESSION 5

PET-CT and PET-MR in Head & Neck Cancer

Barton F. Branstetter, M.D.

Temporal Bone Anatomy

Hillary R. Kelly, M.D.

SNHL and Imaging Workup for Cochlear Implantation

Hugh D. Curtin, M.D.

Imaging of Temporal Bone Infection and Inflammation

Joel D. Swartz, M.D.

SESSION 6

Skull Base Anatomy, Anatomic Variants, and “Don’t Touch Me Lesions”

Nancy J. Fischbein, M.D.

How to Image the Patient with CSF Leak?

Kristen Lloyd Baugnon, M.D.

Skull Base Tumors

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

Laryngeal Anatomy and Pathology

Amy Fan-Yee Juliano, M.D.

SESSION 7

The Art of Detecting PNTS – What To Look For

Ilona M. Schmalfuss, M.D.

Evaluation of the Post Treatment Neck

Peter M. Som, M.D., FACR, FRSM

Sinonasal Cavities: Anatomic Landmarks, Drainage Pathways, and Variants

Michelle A. Michel, M.D.

Sinonasal Neoplasm Imaging and Implications for Treatment

Laurie A. Loevner, M.D.

SESSION 8

Craniofacial Resection – What the Surgeons Need To Know

Neal Futran, M.D., DMD

Maxillofacial Fractures and Complications

Lindell R. Gentry, M.D., FACR

Parathyroid Imaging: 4D CT vs. Sestamibi and CT/MR

Jenny K. Hoang, MBBS

Laurie A. Loevner, M.D.

Surveillance Imaging: PET/CT vs. CT/MR

Barton F. Branstetter, IV, M.D.

Lawrence E. Ginsberg, M.D.

Low Dose CT for the Head & Neck

Lawrence N. Tanenbaum, M.D., FACR

SESSION 9

High Resolution Extracranial Nerve Imaging

Ari M. Blitz, M.D.

Diffusion and Perfusion Imaging of Head & Neck

Ashok Srinivasan, M.D.

Are You Ready for the MOC? Unknown Head & Neck Case Review – Part 1

Philip R. Chapman, M.D.

Imaging of Jaw Lesions

Lisa J. Koenig, BChD, DDS, MS

Program *(continued)*

SESSION 10

Complications of Dental Implants –
What To Look For?

James J. Abrahams, M.D.

Otosclerosis and Dysplasia of the
Temporal Bone - Short Presentation

Osamu Sakai, M.D., Ph.D.

Opportunistic Infections in the
Immunocompromised Patient

Bronwyn E. Hamilton, M.D.

Pediatric Emergencies

Karuna V. Shekdar, M.D.

Carotid Dissection, Compression and
Blow Out - Diagnosis and Management

Michele H. Johnson, M.D.

SESSION 11

Imaging of Ocular and Orbital Injuries

Roberta W. Dalley, M.D.

Avoiding Errors in Head and Neck
Cancer Imaging: A Personal Journey

Lawrence E. Ginsberg, M.D.

Practical Approach for the Brachial
Plexus Pathology

Kenneth R. Maravilla, M.D.

ASHNR Presidential Address
Head & Neck Radiology – Past,
Present, and Future

Yoshimi Anzai, M.D., MPH

SESSION 12

Accountable Care Organization –
Impact on Radiology Practice

Norman J. Beauchamp, Jr., M.D., MHS

Are You Ready for the MOC? Unknown
Head & Neck Case Review – Part 2

Joel K. Cure, M.D.

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