# Classic Lectures in **Head & Neck Imaging**

## Release Date: May 1, 2021 | 20.0 AMA PRA Category 1 Credit(s)<sup>TM</sup>

#### **About This CME Teaching Activity**

This CME activity brings together some of our most popular lectures in head & neck imaging. It combines a practical yet comprehensive review of head & neck imaging procedures concentrating on the latest trends, protocols and advances in clinical diagnosis, interpretation strategies and patient management. Faculty share techniques, tips and pitfalls through case based presentations.

#### **Target Audience**

This CME activity should be of interest to radiologists, otolaryngologists, and referring physicians who order these types of studies.

#### **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 20.0 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. 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: Lifelong Learning and Self-assessment.

All activity participants are required to take a written or online test 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 April 30, 2024.

This program is planned and organized by Educational Symposia, a leader in accredited continuing 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.
- Review anatomy and common pathology of the cranial nerves and brachial plexus.
- Identify the imaging features and clinical significance of perineural tumor spread.
- Review the anatomy, features and pathology of the lymphatic system.
- Recognize image features of lymphadenopathy.
- Describe the patterns of tumor spread associated with nasopharyngeal cancers.
- Determine the optimal imaging techniques for evaluating head and neck pathology.
- Describe obstacles associated with post-treatment imaging in head and neck cancer, and how to minimize them.

No special educational preparation is required for this CME activity.

# **Faculty**

#### Philip R. Chapman, M.D.

Associate Professor Chief, Neuroradiology Section University of Alabama Birmingham Birmingham, AL

#### Alisa D. Gean, M.D.

Clinical Professor of Neuroradiology Adjunct Professor of Neurology, and Neurological Surgery University of California, San Francisco Brain and Spinal Center (BASIC) San Francisco General Hospital San Francisco, CA

#### Wende N. Gibbs, M.D.

Assistant Professor of Neuroradiology
Department of Radiology
University of Southern California, Keck School of Medicine
Los Angeles, CA

#### Lawrence E. Ginsberg, M.D.

Professor of Radiology and Head and Neck Surgery The University of Texas MD Anderson Cancer Center Houston, TX

#### Blake A. Johnson, M.D., FACR

Medical Director Center for Diagnostic Imaging Minneapolis, MN

#### Frank J. Lexa, M.D., MBA

Project Faculty, Spain and East Asia Regional Manager, the Global Consulting Practicum & Adjunct Professor of Marketing, The Wharton School, The University of Pennsylvania
Chief Medical Officer, The Radiology Leadership Institute and Chair of the Practice Leaders Commission of the American College of Radiology Philadelphia, PA

#### Laurie A. Loevner, M.D.

Professor of Radiology, Otorhinolaryngology: Head and Neck Surgery, and Neurosurgery Chief, Division of Neuroradiology University of Pennsylvania Health System Philadelphia, PA

#### C. Douglas Phillips, M.D., FACR

Professor of Radiology Director of Head and Neck Imaging Weill Cornell Medical College NewYork-Presbyterian Hospital New York, NY

#### David I. Rosenthal, M.D.

Section Chief, Head and Neck, Division of Radiation Oncology Director, Head and Neck Translational Research Professor, Department of Radiation Oncology Professor, Department of Head and Neck Surgery The University of Texas M. D. Anderson Cancer Center Houston, TX

#### Deborah R. Shatzkes, M.D.

Professor of Radiology
Hofstra North Shore - LIJ School of Medicine
Director of Head and Neck Imaging
Lenox Hill Hospital and The New York Head & Neck Institute
North Shore - LIJ Health System
New York, NY

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

Director of Head and Neck Imaging
Professor, Departments of Radiology, Otolaryngology, Head and Neck Surgery, and
BioMedical Informatics
University of Utah Health Sciences Center
Salt Lake City, UT

#### Gregg H. Zoarski, M.D.

NeuroInterventional Surgery Christiana Care Health System Newark, DE

### **Program**

#### Session 1

Extramucosal Spaces of the Head and Neck *Laurie A. Loevner, M.D.* 

Lumps and Bumps: Central Topics in Head and Neck Radiology for the Non-subspecialist

Frank J. Lexa, M.D., MBA

Common Presenting Problems of the Head and Neck C. Douglas Phillips, M.D., FACR

#### Session 2

Orbital Anatomy and Pathology - Part 1 *Gregg H. Zoarski, M.D.* 

Orbital Imaging
Frank J. Lexa, M.D., MBA

Orbital Anatomy and Pathology - Part 2 *Gregg H. Zoarski, M.D.* 

Imaging of Orbital Tumors
C. Douglas Phillips, M.D., FACR

#### Session 3

Orbital and Ocular Trauma: "More than Meets the Eye" Alisa D. Gean, M.D.

Imaging Cranial Nerves I-VI Blake A. Johnson, M.D., FACR

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

#### Session 4

Imaging Cranial Nerves VII-XII Blake A. Johnson, M.D., FACR

Brachial Plexus Imaging *Philip R. Chapman, M.D.* 

Imaging the Pituitary Gland and Sella Region C. Douglas Phillips, M.D., FACR

#### Session 5

Neuroimaging of Perineural Tumor Spread *Philip R. Chapman, M.D.* 

Imaging in Oropharyngeal and Oral Cavity Cancer Lawrence E. Ginsberg, M.D.

Imaging of Laryngeal and Hypopharyngeal Cancer Richard H. Wiggins, III, M.D., CIIP, FSIIM

Imaging Update in HPV-related Head & Neck Cancer Lawrence E. Ginsberg, M.D.

#### Session 6

Thyroid Nodules and Nodules that are Cancer *Laurie A. Loevner, M.D.* 

Imaging and Biopsy Issues in Thyroid Malignancy C. Douglas Phillips, M.D., FACR

Imaging Issues in Hyperparathyroidism Including 4D CT Deborah R. Shatzkes, M.D.

Neuroimaging of the CPA, Internal Auditory Canal and Inner Ear *Philip R. Chapman, M.D.* 

#### Session 7

Central Skull Base: Pathology and Anatomy C. Douglas Phillips, M.D., FACR

Imaging of Salivary Neoplasia *Deborah R. Shatzkes, M.D.* 

Suprahyoid Neck: Spatial Approach C. Douglas Phillips, M.D., FACR

Imaging of Cutaneous Malignancy *Lawrence E. Ginsberg, M.D.* 

#### Session 8

Imaging the Patient with Hearing Loss C. Douglas Phillips, M.D., FACR

MRI of the Temporal Bone Wende N. Gibbs, M.D.

Imaging of Temporal Bone Neoplasia C. Douglas Phillips, M.D., FACR

#### Session 9

Sinonasal Infectious and Inflammatory Pathology *Richard H. Wiggins, III, M.D., CIIP, FSIIM* 

Imaging of Sinonasal and Anterior Cranial Base Lesions *Deborah R. Shatzkes, M.D.* 

Imaging of Nasopharyngeal Carcinoma Richard H. Wiggins, III, M.D., CIIP, FSIIM

Radiation Therapy Treatment Planning for the Head and Neck: Emphasis on NPC

David I. Rosenthal, M.D.

#### Session 10

Nasopharyngeal Cancer: Patterns of Spread *Laurie A. Loevner, M.D.* 

Top 10 Head and Neck Imaging Pearls Richard H. Wiggins, III, M.D., CIIP, FSIIM

Case Based Review of Head and Neck Lesions Laurie A. Loevner, M.D.

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