# 2020 Lung Imaging:

Highlighting Lung Cancer Screening and Interstitial Lung Disease

# Release Date: January 15, 2020 | 9.5 AMA PRA Category 1 Credit(s)™

# **About This CME Teaching Activity**

This CME activity is designed to address the latest updates in lung imaging. Recent advances in protocol development, lung cancer screening, diagnosis and management of interstitial, diffuse and infectious lung disorders. Focus is placed on lung cancer screening program development, lesion classification and manifestation, plus tips and pitfalls in thoracic imaging.

#### **Target Audience**

This CME activity is designed to educate radiologist, pulmonologists, as well as others who are interested in thoracic imaging.

#### **Scientific Sponsor**

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#### **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 9.5 *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 January 14, 2023.

This CME activity was planned and produced by Educational Symposia, a leader in continuing medical 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:

- Discuss technological advances such as iterative reconstruction and dual energy CT and how they impact thoracic imaging.
- Describe the optimal approach to CT lung cancer screening.
- Review the manifestations of screen detected lung cancer.
- Utilize Lung-RADS classification in reporting.
- Review the diagnostic features and manifestations of occupational and smoking related lung disease.

No special educational preparation is required for this CME activity.

### **Faculty**

#### Gerald F. Abbott, M.D.

Associate Radiologist Thoracic Imaging and Intervention Division Massachusetts General Hospital Boston, MA

#### Caroline Chiles, M.D.

Professor of Radiology Wake Forest University Health Sciences Center Winston-Salem, NC

#### Teri Franks M.D.

Senior Pulmonary and Mediastinal Pathologist The Joint Pathology, Department of Defense Silver Spring, MD

#### Jeffrey R. Galvin, M.D.

Professor

Diagnostic Radiology and Nuclear Medicine University of Maryland School of Medicine Baltimore, MD

#### Ella A. Kazerooni, M.D., M.S.

Professor of Radiology & Internal Medicine Interim Chair; Associate Chair for Clinical Affairs Department of Radiology University of Michigan Ann Arbor, MI

## Charles S. White, M.D.

Professor and Vice Chair, Clinical Affairs Chief of Thoracic Radiology Department of Diagnostic Radiology and Nuclear Medicine University of Maryland School of Medicine Baltimore, MD CT: 9.0 Hours • XR: 6.0 Hours • Safety: 1.5 Hours • MRI: 0.75 Hours • PET/CT: 0.75 Hours

Session 1		Session 4			
CT/S	CT Protocols for Today and Tomorrow <i>Charles S. White, M.D.</i>	CT/S	Lung Cancer Screening Program: Building for Success Ella A. Kazerooni, M.D., M.S.		
CT/XR	The Many Faces of Atelectasis Gerald F. Abbott, M.D.	CT	Typical and Atypical Manifestations of Screen-Detected Lung Cancer		
CT/XR	Infections That May Be Diagnosable on CT		Caroline Chiles, M.D.		
	Charles S. White, M.D.	CT	LungRADS – Primer & Updates Ella A. Kazerooni, M.D., M.S.		
Sesssion 2		Session 5			
CT/XR/MR	Pleural Disease Imaging				
PET/CT	Gerald F. Abbott, M.D.		Lung Cancer Screening Performance Metrics		
CT/XR	Occupational Lung Disease:		Ella A. Kazerooni, M.D., M.S.		
	More Common Than Suspected Charles S. White, M.D.	CT	What the Padiologist Needs to Know		
	Charles 3. White, M.D.	O1	What the Radiologist Needs to Know About the Adenocarcinoma Spectrum		
CT/XR	Pathways to Fibrosis  Jeffrey R. Galvin, M.D.		Caroline Chiles, M.D.		
Session 3		CT/XR	Missed Lung Cancer and		
Session 3			Other Thoracic Mishaps  Charles S. White, M.D.		
CT/XR	Cigarette Smoke Related Diffuse Lung Disease Jeffrey R. Galvin, M.D.				
CT/XR	Small Airway Injury: Radiology, Pathology and Physiology Jeffrey R. Galvin, M.D.				
CT/XR	Diffuse Lung Disease Unknown Cases: Rad-Path Correlation Jeffrey R. Galvin, M.D. and Teri Franks, M.D.				
CT/XR	Imaging of Large Airways  Gerald F. Abbott, M.D.				

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