## A CME Teaching Activity

## **Pathology Review:**

Pulmonary Pathology, Neuropathology and Cytopathology: A Pattern-Based Approach to Diagnosis

## Release Date: July 1, 2016

#### About This CME Teaching Activity

This CME teaching activity is designed to provide a comprehensive review of pulmonary pathology, neuropathology and cytopathology. Faculty discuss basic to advanced techniques as well as pitfalls and pearls to pathology diagnosis. Rounding out the program is an interactive case review of neuropathology, pulmonary pathology and cytopathology emphasizing the pattern-based approach to pathologic diagnosis.

#### **Target Audience**

This CME activity is primarily intended and designed to educate pathologists.

#### **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 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.

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)<sup>™</sup> for this activity may be claimed until June 30, 2019.

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:

- Use a pattern-based approach for pathologic diagnosis of pulmonary disease, neuropathology and cytopathology.
- Recognize, assess and more accurately evaluate clinical, radiologic and pathologic patterns in pulmonary disease including transbronchial biopsies, lung cancer and inflammatory lung disease.
- Recognize and more accurately assess common pitfalls in surgical neuropathology.
- Make more accurate neuropathology diagnoses using clinical, radiologic and pathologic patterns.
- Use a pattern based approach to evaluate focused organ system disease.
- More accurately diagnose and evaluate cytopathology in fine needle aspiration biopsies.
- Increase understanding of pulmonary pathology, cytopathology and neuropathology.

No special educational preparation is required for this CME activity.

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## Faculty

### Kevin Leslie, M.D.

Chair, Division of Anatomic Pathology Department of Laboratory Medicine and Pathology Mayo Clinic Arizona Scottsdale, AZ Professor of Pathology Mayo Clinic College of Medicine Rochester, MN

### Arie Perry, M.D.

Professor Departments of Pathology and Neurological Surgery Director, Division of Neuropathology University of California San Francisco (UCSF) San Francisco, CA

#### Matthew A. Zarka, M.D.

Director of Cytopathology Assistant Professor Laboratory Medicine and Pathology Mayo Clinic Arizona Scottsdale, AZ

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## Program

## **Program 1**

FNA: A Practical Architectural Pattern Recognition Approach With Emphasis on Head and Neck *Matthew A. Zarka, M.D.* 

Common Pitfalls In Surgical Neuropathology (continued on program 2) *Arie Perry, M.D.* 

## Program 2

Common Pitfalls In Surgical Neuropathology / Multiple Sclerosis Song (continuation) *Arie Perry, M.D.* 

Clinical Radiological and Pathologic Patterns In Surgical Neuropathology *Arie Perry, M.D.* 

A Practical Approach to Interstitial Lung Disease: Clinical, Radiological, and Histopathological Patterns *Kevin Leslie, M.D.* 

Diagnostic Utility of the Transbronchial Biopsy (continued on program 3) *Kevin Leslie, M.D.* 

## **Program 3**

Diagnostic Utility of the Transbronchial Biopsy (continuation) *Kevin Leslie, M.D.* 

The Pathologist Role In Diagnosis Staging and Selection of Targeted Therapies *Kevin Leslie, M.D.* 

FNA Case Presentations - I Matthew A. Zarka, M.D.

FNA Case Presentations - II Matthew A. Zarka, M.D.

### **Program 4**

FNA Case Presentations - III Matthew A. Zarka, M.D.

Neuropathology Case Presentations/Astrocytic Tumors Song *Arie Perry, M.D.* 

Neuropathology Case Presentations/ Oligodendroglioma Song *Arie Perry, M.D.* 

Neuropathology Case Presentations/Meningiomas Song *Arie Perry, M.D.* 

Neuropathology Case Presentations/Creutzfeldt -Jacob Disease Song *Arie Perry, M.D.* 

## **Program 5**

Neoplastic and Inflammatory Lung Disease Case Presentations - I *Kevin Leslie, M.D.* 

Neoplastic and Inflammatory Lung Disease Case Presentations - II *Kevin Leslie, M.D.* 

Neoplastic and Inflammatory Lung Disease Case Presentations - III *Kevin Leslie, M.D.* 

Neoplastic and Inflammatory Lung Disease Case Presentations - IV *Kevin Leslie, M.D.* 

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