

# 2017 Pathology Review: Pulmonary, Neuro and Hepatic Pathology for the General Pathologist

**Release Date: July 1, 2017**

## About This CME Teaching Activity

This CME teaching activity is designed to provide a practical review of pulmonary pathology, neuropathology and hematopathology. Basic to advanced techniques, pearls and pitfalls to pathologic diagnosis are included. Interactive case reviews emphasize the didactic lectures rounding out the program.

## 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.

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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, 2020.**

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 the updated WHO 2016 classification scheme for CNS tumors.
- Summarize the new immunohistochemical biomarkers in surgical neuropathology.
- Recognize glial and glioneuronal neoplasms.
- Classify embryonal neoplasms of the CNS.
- Explain meningioma grading.
- Recognize peripheral nerve sheath tumors.
- Discuss the WHO adenocarcinoma classification and implications for selection of targeted therapies.
- Discuss pulmonary manifestations of autoimmune disease.
- Apply a more practical approach to technical issues in processing of pulmonary pathology specimens.
- Describe the life cycle of diffuse alveolar damage.
- Recognize and assess granulomatous disease of the lung.
- Explain adenocarcinoma of the lung.
- Differentiate neoplastic and inflammatory lung disease.
- Discuss histology of autoimmune liver disease.
- Describe non-hepatrophic viral infections of the liver.
- Analyze key features of unusual interstitial pneumonia of idiopathic pulmonary fibrosis and its mimics.
- Review molecular pathology of lung cancer.
- Apply a more practical approach to hepatic fibrosis.
- Recognize drug induced liver injury.

*No special educational preparation is required for this CME activity.*

A CME Teaching Activity

# 2017 Pathology Review:

## Pulmonary, Neuro and Hepatic Pathology for the General Pathologist

**Release Date: July 1, 2017**

**Kevin O. Leslie, M.D.**

*Consultant, Division of Anatomic Pathology  
Department of Laboratory Medicine and Pathology  
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Scottsdale, AZ  
Professor of Pathology  
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**Maxwell L. Smith, M.D.**

*Assistant Professor  
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**Arie Perry, M.D.**

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

A CME Teaching Activity

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## Session 1

Approach to Pulmonary Pathology Using Clinical, Radiological, and Pathological Correlation  
*Kevin O. Leslie, M.D.*

Introduction to the Hepatic Pathology Road Map  
*Maxwell L. Smith, M.D.*

## Session 2

Update of the WHO 2016 Classification Scheme for CNS Tumors  
*Arie Perry, M.D.*

Guide to the WHO Adenocarcinoma Classification and Implications for Selection of Targeted Therapies  
*Kevin O. Leslie, M.D.*

## Session 3

Technical Issues in the Processing of Lung Samples  
*Kevin O. Leslie, M.D.*

Histology of Autoimmune Liver Disease - Case Based  
*Maxwell L. Smith, M.D.*

New Immunohistochemical Biomarkers in Surgical Neuropathology  
*Arie Perry, M.D.*

## Session 4

Acute Lung Injury "One Ring to Rule Them All"  
*Kevin O. Leslie, M.D.*

Non-Hepatotropic Viral Infections of the Liver - Case Based  
*Maxwell L. Smith, M.D.*

Glial and Glioneuronal Neoplasms  
*Arie Perry, M.D.*

## Session 5

The Pulmonary Pathology of Rheumatic Diseases  
*Kevin O. Leslie, M.D.*

Usual Interstitial Pneumonia of Idiopathic Pulmonary Fibrosis and its Mimics - Case Based  
*Maxwell L. Smith, M.D.*

Embryonal Neoplasms of the CNS  
*Arie Perry, M.D.*

## Session 6

Molecular Pathology of Lung Cancer - Case Based  
*Maxwell L. Smith, M.D.*

Granulomatous Disease of the Lung - Case Based  
*Kevin O. Leslie, M.D.*

Meningioma Grading and Other Meningeal Neoplasms  
*Arie Perry, M.D.*

## Session 7

Approach to Diffuse Alveolar Hemorrhage (DAH) and Pulmonary Vasculitis  
*Kevin O. Leslie, M.D.*

An Approach to Hepatic Fibrosis - Case Based  
*Maxwell L. Smith, M.D.*

Peripheral Nerve Sheath Tumors  
*Arie Perry, M.D.*

## Session 8

Drug Induced Liver Injury - Case Based  
*Maxwell L. Smith, M.D.*

Case Studies in Pulmonary Pathology 10 Diagnostic Vignettes ...you should know  
*Kevin O. Leslie, M.D.*

Neoplastic Lung Disease - Case Based  
*Kevin O. Leslie, M.D.*

## Session 9

Neuropathology Unknowns Part 1 - Case Based  
*Arie Perry, M.D.*

Practical Approach to Pulmonary Fibrosis  
*Kevin O. Leslie, M.D.*

Neuropathology Unknowns Part 2 - Case Based  
*Arie Perry, M.D.*

CME Teaching Activity

# 2017 Pathology Review: Pulmonary, Neuro and Hepatic Pathology for the General Pathologist

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