

A CME Teaching Activity

# A Practical Approach to Surgical and Cytopathology

Release Date: July 1, 2016

## About This CME Teaching Activity

This activity is designed to provide a comprehensive and practical review of gastrointestinal, hepatic, genitourinary, pancreaticobiliary, breast and cytopathology, as well as an overview of diagnostic immunohistochemistry and other ancillary diagnostic techniques. Faculty discuss diagnostic pitfalls and pearls for an accurate diagnosis, as well as provide a comprehensive review of appropriate ancillary diagnostic techniques.

## Target Audience

This CME activity is primarily designed to educate practicing 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 16.25 *AMA PRA Category 1 Credit(s)*<sup>™</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:

- Describe the various cytomorphologic features of metastatic malignancies, emphasizing differential diagnosis, pitfalls and clues to determine a primary site of origin.
- Discuss the use of ancillary studies in the work-up of metastases, with particular emphasis on immunohistochemistry using an algorithmic approach.
- Utilize strict and well-defined criteria in the evaluation and diagnosis of thyroid follicular lesions.
- Discuss the diagnostic features and differential diagnosis of columnar cell and papillary lesions of the breast.
- Describe the diagnostic features and clinical significance of a variety of breast lesions with particular reference to the implications of these diagnoses in core needle biopsy specimens.
- Discuss the differential diagnosis of granulomas in the liver.
- Discuss the differential diagnosis of infectious enterocolitides and non-infectious entities that they mimic.
- Describe the diagnostic criteria for inflammatory lesions of the appendix.
- Identify the subtle histomorphologic features that can help to distinguish well-differentiated ductal adenocarcinoma from the reactive changes in the pancreas.
- Describe the anatomic/histologic compartments of the ampulla and their significance in the versatility and subclassification of ampullary cancers.
- Evaluate new concepts in terminology and histologic grading of pancreatic neuroendocrine tumors.
- Discuss recent modifications related to prostate cancer grading and how it relates to active surveillance.
- Recognize and diagnose less common variants of renal epithelial neoplasia, including new entities added to the recently updated WHO classification of genitourinary cancers.
- Review the current definition of Barrett's esophagus and the role of the pathologist in establishing this diagnosis.
- Identify the major features of both ulcerative colitis and Crohn's disease, as well as newer recognized forms of IBD.

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

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## Faculty

**N. Volkan Adsay, M.D.**

*Professor, Vice-Chair, and Director of Anatomic Pathology  
Department of Pathology and Laboratory Medicine  
Emory University Hospital  
Atlanta, GA*

**Laura C. Collins, M.D.**

*Associate Professor of Pathology  
Harvard Medical School  
Associate Director, Anatomic Pathology  
Beth Israel Deaconess Medical Center  
Boston, MA*

**Tarik M. Elsheikh, M.D.**

*Professor of Pathology, Cleveland Clinic Lerner College of Medicine  
Anatomic Pathology Medical Director  
Cleveland Clinic Laboratories  
Cleveland Clinic  
Cleveland, OH*

**John R. Goldblum, M.D.**

*Chairman, Department of Pathology, Cleveland Clinic  
Professor of Pathology, Cleveland Clinic Lerner College of Medicine  
Cleveland, OH*

**Michelle S. Hirsch, M.D., Ph.D.**

*Associate Professor of Pathology, Harvard Medical School  
Associate Pathologist, Brigham and Women's Hospital  
Division of Women's & Perinatal Pathology  
Chief, Genitourinary Pathology Service  
Boston, MA*

**Laura W. Lamps, M.D.**

*Professor and Vice Chair for Academic Affairs  
Department of Pathology  
University of Arkansas for Medical Sciences  
Little Rock, AR*

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## Program

### Session 1

Controversies in the Diagnosis of Barrett's Esophagus and the Role of the Pathologist in Establishing this Diagnosis

*John R. Goldblum, M.D.*

Cytologic Diagnosis of Indeterminate Thyroid Lesions and Utilization of Molecular Testing

*Tarik M. Elsheikh, M.D.*

### Session 2

Pathology of the Pancreatobiliary Tract: Pancreas

*N. Volkan Adsay, M.D.*

Granulomas in the Liver With an Emphasis on Infectious Etiologies

*Laura W. Lamps, M.D.*

### Session 3

Columnar Cell Lesions of the Breast

*Laura C. Collins, M.D.*

A Contemporary Approach to Prostate Pathology

*Michelle S. Hirsch, M.D., Ph.D.*

### Session 4

Nomenclature of Colorectal Polyps: Controversies and Confusion

*John R. Goldblum, M.D.*

Neuroendocrine Tumors of the Gastrointestinal and Pancreatobiliary Tracts

*N. Volkan Adsay, M.D.*

### Session 5

Infectious Enterocolitides and the Diseases that They Mimic

*Laura W. Lamps, M.D.*

Cytologic Workup of Metastases of Unknown Primary Site: A Clinicopathologic Approach - Part 1

*Tarik M. Elsheikh, M.D.*

### Session 6

Cytologic Workup of Metastases of Unknown Primary Site: A Clinicopathologic Approach - Part 2

*Tarik M. Elsheikh, M.D.*

Updates in Renal Epithelial Neoplasia

*Michelle S. Hirsch, M.D., Ph.D.*

### Session 7

Papillary Lesions of the Breast

*Laura C. Collins, M.D.*

Core Needle Biopsy of the Breast: Striving for Fewer Excisions

*Laura C. Collins, M.D.*

### Session 8

Pathology of the Pancreatobiliary Tract: Ampulla and Gallbladder

*N. Volkan Adsay, M.D.*

A Practical Approach to the Use of Biomarkers in Genitourinary Pathology

*Michelle S. Hirsch, M.D., Ph.D.*

### Session 9

Beyond Acute Appendicitis: Fascinating Lesions of the Vermiform Appendix

*Laura W. Lamps, M.D.*

Inflammatory Bowel Disease and IBD-related Dysplasia: One Pathologist's Perspective

*John R. Goldblum, M.D.*

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