

# 2021 Classic Lectures in Pathology: What You Need to Know: Gastrointestinal Pathology

Release Date: March 15, 2021 | 28.0 AMA PRA Category 1 Credit(s)<sup>TM</sup>

## About This CME Teaching Activity

This CME Activity offers a practical review of gastrointestinal pathology combining basic to advanced techniques, pearls and pitfalls to pathologic diagnosis and case reviews.

## Target Audience

This CME activity is 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 28.0 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.

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)<sup>TM</sup>  
for this activity may be claimed until March 14, 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:

- Prepare for colon cancer and universal screening for Lynch syndrome.
- Identify conditions to consider before surgical pathology subspecialty sign-out.
- Discuss the spectrum of gluten-related disorders and current optimum testing for celiac disease.
- Describe the updated epidemiology of cancer risk and Barrett esophagus and the current data on the efficacy of endoscopic surveillance.
- Recognize the major diagnostic pitfalls in the diagnosis of Barrett's esophagus and Barrett's-related dysplasia.
- Discuss the more recently recognized variants of ulcerative colitis as well as some of the issues related to diagnosing dysplasia in the setting of IBD.
- Identify some of the major diagnostic issues in the most common colorectal polyps including serrated polyps.
- Discuss the effects of contemporary therapy on the pathology and management of patients with inflammatory bowel disease.
- Describe the role of the pathologist in helping to manage patients with IBD-related dysplasia and neoplasia.
- Apply risk stratification criteria for the prognostication of gastrointestinal stromal tumors.
- Discuss and recognize the succinate dehydrogenase-deficient gastrointestinal stromal tumor and understand the clinical significance of this category of GIST.
- Identify the biliary pattern of injury on liver biopsy.
- Recognize distinguishing features of steatosis from steatohepatitis.
- List the appropriate immunohistochemical work-up of primary liver tumors.
- Develop an understanding of the characteristic histologic features that allow clear separation of the acute and chronic hepatitis patterns.
- Develop an understanding of the normal histology of the intrahepatic biliary system and how it is affected by a variety of cholestatic liver diseases.
- Develop an understanding of the utility of clinical history and laboratory findings in averting misinterpretation of histologic findings in medical liver biopsies.

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

## 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*

### **Wendy L. Frankel, M.D.**

*Kurtz Chair and Distinguished Professor  
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Director of GI/Liver Pathology Fellowship  
The Ohio State University Wexner Medical Center  
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Professor of Pathology, Cleveland Clinic  
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### **Jason L. Hornick, M.D.**

*Director of Surgical Pathology  
Director, Immunohistochemistry Laboratory  
Brigham and Women's Hospital  
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Harvard Medical School  
Boston, MA*

### **Elizabeth Montgomery, M.D.**

*Professor of Pathology, Oncology, and  
Orthopedic Surgery  
The Johns Hopkins Hospital  
Baltimore, MD*

### **Robert D. Odze, M.D., FRCPC**

*Chief, Gastrointestinal Pathology  
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Brigham and Women's Hospital  
Harvard Medical School  
Boston, MA*

### **Rish K. Pai, M.D., Ph.D.**

*Associate Professor of Laboratory Medicine  
and Pathology  
Senior Associate Consultant  
Mayo Clinic  
Scottsdale, AZ*

### **Marie E. Robert, M.D.**

*Professor of Pathology and Medicine  
Yale University School of Medicine  
New Haven, CT*

### **Maxwell L. Smith, M.D.**

*Assistant Professor  
Department of Laboratory Medicine and Pathology  
Mayo Clinic  
Scottsdale, AZ*

### **Christa L. Whitney-Miller, M.D.**

*Associate Professor  
Department of Pathology and Laboratory Medicine  
University of Rochester School of Medicine  
and Dentistry  
Rochester, NY*

## Program

### **Session 1**

Update on Pancreas Pathology

*Wendy L. Frankel, M.D.*

Nomenclature of Colorectal Polyps: Confusion and Controversy

*John R. Goldblum, M.D.*

### **Session 2**

Practical Gastritis

*Wendy L. Frankel, M.D.*

Challenges in Colorectal Cancer

*Wendy L. Frankel, M.D.*

### **Session 3**

IBD and IBD-Related Dysplasia

*John R. Goldblum, M.D.*

Esophageal Pathology - Focus on Barrett Esophagus and

Early Squamous Neoplasia

*Elizabeth Montgomery, M.D.*

### **Session 4**

Iatrogenic Gastrointestinal Tract Injury

*Elizabeth Montgomery, M.D.*

A Potpourri of Gastric Lesions and the Company They Keep (Gastritis)

*Elizabeth Montgomery, M.D.*

### **Session 5**

Controversies in the Diagnosis of Barrett's Esophagus

*John R. Goldblum, M.D.*

The Trouble with Fat:

Diagnostic Issues in Well-Differentiated Lipomatous Tumors

*John R. Goldblum, M.D.*

### **Session 6**

Diagnosis and Management of Dysplasia in Inflammatory  
Bowel Disease

*Marie E. Robert, M.D.*

The Extremes of Celiac Disease:

Normal Villous Architecture and Refractory Sprue

*Marie E. Robert, M.D.*

Barrett Esophagus Update: Treatment Effects on Dysplasia and  
Do Current Surveillance Protocols Make Sense?

*Marie E. Robert, M.D.*

### **Session 7**

A Contemporary Update of Colitis-associated Dysplasia

*Robert D. Odze, M.D., FRCPC*

Barrett's Esophagus:

Controversial Diagnostic Issues Relevant to Pathologists

*Robert D. Odze, M.D., FRCPC*

Metastatic Carcinoma of Unknown Primary:

Diagnostic Approach Using Immunohistochemistry

*Jason L. Hornick, M.D., Ph.D.*

# Program

## Session 8

Mesenchymal Tumors of the Gastrointestinal Tract:  
An Update on GIST and Differential Diagnosis Using  
Immunohistochemistry

*Jason L. Hornick, M.D., Ph.D.*

Update on Ampulla and Gallbladder Pathology

*N. Volkan Adsay, M.D.*

## Session 9

Role of the Pathologist in Diagnosing and Managing Patients with IBD

*Robert D. Odze, M.D., FRCPC*

Neuroendocrine Tumors of the Gastrointestinal and  
Pancreatobiliary Tracts

*N. Volkan Adsay, M.D.*

## Session 10

Differential Diagnosis of Pancreatic Tumors

*N. Volkan Adsay, M.D.*

HER2 in GI Malignancies: Comparison to Breast and Review Guidelines

*Christa L. Whitney-Miller, M.D.*

Colon Cancer and Universal Screening for Lynch Syndrome:  
Are you Ready?

*Christa L. Whitney-Miller, M.D.*

## Session 11

Biopsy Interpretation of Liver Tumors

*Rish K. Pai, M.D., Ph.D.*

Cholestatic Liver Disease

*Rish K. Pai, M.D., Ph.D.*

## Session 12

The Steatotic Liver Biopsy

*Rish K. Pai, M.D., Ph.D.*

Acute and Chronic Hepatitis: Still Important

*John Hart, M.D.*

## Session 13

Cholestatic Liver Diseases: The Jaundiced View

*John Hart, M.D.*

Common Pitfalls in Medical Liver Disease Interpretation:  
How Not to Fall in a Hole

*John Hart, M.D.*

## Session 14

Introduction to the Hepatic Pathology Road Map

*Maxwell L. Smith, M.D.*

Histology of Autoimmune Liver Disease - Case Based

*Maxwell L. Smith, M.D.*

Non-Hepatropic Viral Infections of the Liver - Case Based

*Maxwell L. Smith, M.D.*

## Session 15

An Approach to Hepatic Fibrosis - Case Based

*Maxwell L. Smith, M.D.*

Drug Induced Liver Injury - Case Based

*Maxwell L. Smith, M.D.*

Liver Biopsies in the Post-HCV Era

*Christa L. Whitney-Miller, M.D.*

A CME Teaching Activity

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