## A CME Teaching Activity

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

## **Endocrine Pathology**

## Release Date: April 15, 2019 | 10.5 AMA PRA Category 1 Credit(s)™

#### **About This CME Teaching Activity**

This CME Activity offers a practical review of endocrine 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 10.5 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 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 April 14, 2022.

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:

- Utilize strict and well-defined criteria in the evaluation and diagnosis of thyroid follicular lesions.
- 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.
- Recognize the different types of tissue fragments in FNAB specimens, recognize several cytomorphologic patterns of FNAB specimens, and render a diagnosis based on a pattern recognition of FNAB specimen.
- Discuss the newer aspects of molecular alterations in thyroid neoplasms.
- Review the approach to difficult lesions of the salivary glands.
- Render a diagnosis based on pattern recognition of thyroid FNAB specimens and formulate a broad differential diagnosis.
- Recognize the basic architectural pattern seen with salivary gland aspirates and be able to identify and diagnose common benign and malignant salivary gland lesions.
- Render a diagnosis based on pattern recognition and salivary gland FNAB specimens and formulate a broad differential diagnosis.
- Describe the basic technique and pitfall avoidance of fine needle aspiration biopsy performance.

No special educational preparation is required for this CME activity.

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

## **Endocrine Pathology**

## **Faculty**

#### Osama M.A. Abdelatif, M.D.

Chairman, Department of Pathology Carondelet St. Joseph's Hospital Clinical Assistant Professor Department of Pathology University of Arizona, Health Science Center Tucson, AZ

#### 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

#### Jennifer L. Hunt, M.D.

Chair of Pathology and Laboratory Medicine Aubrey J. Hough Jr, Endowed Professor (with tenure) Pathology and Laboratory Medicine University of Arkansas for Medical Sciences Little Rock, AR

#### Lester D. R. Thompson, M.D.

Consultant Pathologist Department of Pathology Southern California Permanente Medical Group Woodland Hills, CA

## **Program**

#### Session 1

Diagnostically Challenging Surgical Pathology Lesion of Endocrine Organs Part 1 Lester D. R. Thompson, M.D.

#### Session 2

Diagnostically Challenging Surgical Pathology Lesion of Endocrine Organs Part 2 Lester D. R. Thompson, M.D.

#### Session 3

Cytologic Diagnosis of Indeterminate Thyroid Lesions and Utilization of Molecular Testing

Tarik M. Elsheikh, M.D.

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

Tarik M. Elsheikh, M.D.

#### Session 4

Cytologic Workup of Metastases of Unknown Primary Site:
A Clinicopathologic Approach Part 2
Tarik M. Elsheikh, M.D.

FNA of the Salivary Glands *Osama M.A. Abdelatif, M.D.* 

#### Session 5

FNA of the Thyroid Osama M.A. Abdelatif, M.D.

#### Session 6

FNA Diagnosis by Pattern Recognition
Osama M.A. Abdelatif, M.D.

Thyroid Pathology in the Molecular Era *Jennifer L. Hunt, M.D.* 

# Classic Lectures in Pathology: What You Need to Know Endocrine Pathology

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