2011-2012 ASC Cyto-econference Series

Archives of the current series (Item Codes: 3300-A – L) will be available 1-2 weeks after the presentation date. Pre-purchase the links, SAVE the receipt, VIEW after live date!

Archive Item Code: 3300-A

Item Name: *Fine Needle Aspiration of Deep-seated Masses with Histologic Correlation*

Grace C. H. Yang, MD

Presentation date: April 26, 2011; Expires: April 26, 2014

Cytologists are familiar with criteria of malignancy in Papanicolaou stain. The goal of this webinar is to correlate that with H&E sections of various tumors in lung, mediastinum, liver, pancreas, adrenal, kidney, and retroperitoneum. Tumors include various types of carcinoma, sarcoma, melanoma, germ cell tumor, and lymphoma. The technique of smear preparation, clues from gross inspection, clues from Diff -Quik stain, and low power microscopic examination will be emphasized. Following the webinar, participants will have the tools to interpret FNA in the framework of histology, radiology data and clinical presentation.

Archive Item Code: 3300-B

Item Name: *The Importance of Onsite Cytological Evaluation and Triage of Bone and Soft Tissue Specimens for Definitive Diagnosis*

Marilyn M. Bui, MD, PhD

Presentation date: May 24, 2011; Expires: May 24, 2014

Bone and soft tissue lesions often present diagnostic challenges. On-site cytological evaluation of such specimens is critical to maximize the chance for definitive diagnosis. This webinar uses examples to demonstrate a practical multidisciplinary approach using clinicoradiological correlation, pattern recognition, specimen triage, and ancillary testing to achieve final diagnosis.

Archive Item Code: 3300-C

Item Name: *Use of Imaging Systems in Gynecologic Cytology*

Angelique W. Levi, MD

Presentation date: June 28, 2011; Expires: June 28, 2014

One-third of cervical cytology false-negatives are caused by screening and interpretive errors in which abnormal cells are incorrectly classified. Automated screening instruments address these key sources of error and cost. FDA-approved imaging systems will be reviewed with a brief history of cytology automation, and the Yale experience will be discussed.

Archive Item Code: 3300-D

Item Name: *Squamous Cell Abnormalities of the Uterine Cervix: Black and White with Shades of Gray*

Jamie L. Covell, BS, CT(ASCP)
Presentation date: July 26, 2011; Expires: July 26, 2014
Since its inception in the 1940's, the Pap test has focused primarily on the detection of squamous carcinoma and related lesions in the uterine cervix. This webinar discusses and illustrates the morphologic features of squamous abnormalities seen in Pap test specimens, their differential diagnoses and their mimics.

Archive Item Code: 3300-E
Item Name: *Cytopathology of Infectious Diseases*
Liron Pantanowitz, MD
Presentation date: August 23, 2011; Expires: August 23, 2014
Identifying microorganisms in various cytology specimens can prove difficult. Contaminants and mimics of pathogens can also pose a challenge. This webinar covers the detection and identification of common and rare microorganisms that may be encountered in cytology specimens. Cytologic techniques of specimen procurement, staining, and ancillary studies will be discussed.

Archive Item Code: 3300-F
Item Name: *Fine Needle Aspiration Diagnosis of Non-Hodgkin B-cell Lymphomas*
Guoping Cai, MD
Presentation date: September 27, 2011; Expires: September 27, 2014
Diagnosis of non-Hodgkin B-cell lymphomas by fine needle aspiration (FNA) biopsy can be difficult and remains controversial. This webinar outlines an approach to improve the diagnosis by including on-site evaluation and combining cytomorphologic features with ancillary studies such as flow cytometry and fluorescence in-situ hybridization. Diagnostic pitfalls and limitations are also discussed.

Archive Item Code: 3300-G
Item Name: *Cytology of Pleural Effusions: Diagnostic Challenges and Dilemmas*
Teresa M. Alasio, MD
Presentation Date: October 25, 2011; Expires: October 25, 2014
Pleural effusion specimens are common in hospital-based cytology laboratories and the indications for examination of these specimens are varied. This webinar provides an overview of the indications for examination of pleural effusions and our experience with the processing of these specimens. Finally, some of the more challenging cases encountered in pleural effusion cytology will be discussed in a clinical vignette format, with an emphasis on differential diagnoses and diagnostic pitfalls.

Archive Item Code: 3300-H

Item Name: *Glandular Lesions in Pap Test: An Update*
Rana S. Hoda, MD, FIAC
Presentation date: November 22, 2011; Expires: November 22, 2014
A vast array of glandular processes present in Pap test cytology and distinguishing benign *vs.* neoplastic lesions can pose a diagnostic challenge. This webinar has been designed to discuss morphologic criteria, differential diagnosis and benign mimics of glandular lesions in Pap test. HPV testing, ASCCP patient management guidelines and histologic correlation will also be addressed.

Archive Item Code: 3300-I
Item Name: *Fine Needle Cytology of Pancreatic Tumors: an Integrated Approach.*
Mostafa M. Fraig, MD
Presentation date: December 13, 2011; Expires: December 13, 2014
This webinar focuses not only on the cytopathologic criteria for making the right diagnosis and avoiding pitfalls in pancreatic tumors, but also how to integrate the clinical and radiologic findings to reach this diagnosis with confidence and accuracy. Practical and logistical issues will be addressed as well.

Archive Item Code: 3300-J
Item Name: *Principles and Pitfalls of Pulmonary Cytopathology*
Gordon H. Yu, MD
Presentation date: January 24, 2012; Expires: January 24, 2015
Principles in the examination and interpretation of cytopathology specimens from the lung will be presented, including potential diagnostic pitfalls.

Archive Item Code: 3300-K
Item Name: *What's All the FLUS About? An Update on Experience with Bethesda System Reporting of Atypical Thyroid FNAs*
Jeffrey F. Krane, MD, PhD
Presentation date: February 28, 2012; Expires: February 28, 2015
The Bethesda System for Reporting Thyroid Cytopathology provides for an atypical category variously termed atypia of undetermined significance (AUS) or follicular lesion of undetermined significance (FLUS). This webinar will review criteria for this controversial designation, provide an update on published experiences with AUS/FLUS, and suggest future directions for refining this category.

Archive Item Code: 3300-L

Item Name: *Redefining Fine Needle Aspiration (FNA) Cytopathology*
Prabodh Gupta, MB BS, MD, FIAC
Presentation date: March 27, 2012; Expires: March 27, 2015
Onsite FNA is the accepted standard of care. Issues of communication, preparations, interpretation and reporting, essential for the *accurate* and *precise* diagnoses shall be addressed. In the shifting healthcare paradigm, topics of the point-of-care FNA service, compliance with regulations, FNA cart (Penn-A-Cart) with remote access capabilities and real time telecytopathology (TeleCyP) shall be introduced.