

Cytopathology in Focus: The evolving management of LSIL in Pap tests

written by CAP TODAY
August 18, 2016

August 2016—The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses was developed to establish standardized terminology among pathologists for communicating to clinicians the findings of a Pap test.¹ The Bethesda System has also facilitated the examination of the epidemiology and pathogenesis of cervical disease, with a focus on low-grade and high-grade squamous intraepithelial lesions (LSIL and HSIL, respectively) and their relationships to human papillomavirus infection and progression to invasive cervical carcinoma.



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Cytopathology in Focus—Endoscopic ultrasound-guided FNA and core biopsy: Are we progressing to a best practice?

written by CAP TODAY
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August 2016—Endoscopic ultrasound (EUS) is a safe and effective procedure for visualizing and screening for lesions within and in the vicinity of the upper gastrointestinal tract, liver, pancreas and peri-pancreatic lymph nodes, and soft tissues. In addition to the detection and imaging of these lesions, endoscopic ultrasound-guided fine needle aspiration (EUS-FNA) allows for concomitant sampling of visualized lesions for tissue diagnosis.



Cytopathology in Focus: Glass slide programs to have latest terms, ancillary clues

written by CAP TODAY
August 18, 2016

August 2016—Why is there more than one correct answer for this glass slide case? I wouldn't make the diagnosis of mesothelioma without correlating with the clinical history and performing ancillary studies. In our practice, we would call this case a follicular lesion of undetermined significance, and that isn't an answer on the response sheet.



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In situ hybridization: more harmony across checklists

written by CAP TODAY
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August 2016—As the use of in situ hybridization (ISH) expands, laboratories employing this form of testing increasingly rely on the CAP Laboratory Accreditation Program checklist for guidance. That is one reason members from three CAP committees started meeting to revise the ISH checklist, says CAP Surgical Pathology Committee member Aleodor Andea, MD, MBA. Another reason: to harmonize and streamline the ISH checklist requirements across three different disciplines.



[A new case of severe hemophilia and Moyamoya \(SHAM\) syndrome](#)

written by CAP TODAY
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August 2016—CAP TODAY and the Association for Molecular Pathology have teamed up to bring molecular case reports to CAP TODAY readers. AMP members write the reports using clinical cases from their own practices that show molecular testing's important role in diagnosis, prognosis, and treatment. The following report comes from Columbia University Medical Center. If you would like to submit a case report, please send an email to the AMP at amp@amp.org. For more information about the AMP and all previously published case reports, visit www.amp.org.



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[Clinical Pathology Abstracts, 8/16](#)

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August 2016—Cold antibodies may be detected with routine pretransfusion testing and may obscure the identification of clinically significant red blood cell antibodies. They may be detected in healthy people or may be transient in appearance after a mycoplasma or mononucleosis infection. In most cases, cold antibodies are benign, and pretransfusion laboratory testing is designed to avoid detecting these antibodies by eliminating testing at room temperature.



Anatomic Pathology Abstracts, 8/16

written by CAP TODAY
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August 2016—Use of HSP70 and glutamine synthetase to diagnose hepatocellular carcinoma; Recurrence of benign and low-grade fibroepithelial neoplasms of the breast; Lobular neoplasia detected in MRI-guided core biopsy: a high risk for upgrade; Use of microsatellite instability, MLH1 methylation analysis, IHC to identify Lynch syndrome; Differential diagnosis of bladder versus colorectal adenocarcinoma; Enhanced expression of PD L1 in CIN and cervical cancers



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Molecular Pathology Selected Abstracts, 8/16

written by CAP TODAY
August 18, 2016

August 2016—Germline mutations in men with metastatic prostate cancer: Prostate cancer displays great diversity in clinical behavior, ranging from essentially silent, organ-confined disease to rapid and aggressive metastatic spread. The authors know of no clear-cut screening method that can reliably identify those patients whose tumors are likely to behave aggressively and, therefore, may benefit from a more active treatment strategy. Prostate cancer has also been shown to have a significant component of heritability.



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[Newsbytes, 8/16](#)

written by CAP TODAY
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August 2016—Document-management systems worthwhile if you go extra mile; HHS releases guidance on ransomware attacks; McKesson alters IT business; Leica sample-tracking system added to Psyche products; Agilent buys iLab Solutions



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[Q&A column, 8/16](#)

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August 2016—If you obtain a platelet count from a blood sample collected in a sodium citrate tube, the result is multiplied by 1.1 to correct for the volumetric difference in anticoagulant compared with EDTA. When you result the platelet count from the sodium citrate tube, is it a CAP requirement to attach a comment such as: “_#_ Results reported from blue top tube. The reference range and other method performance specifications have not been established or approved by FDA. Use results with caution.”



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