

# [Cytopathology in focus: Statistical reporting—benefits beyond the numbers](#)

written by CAP TODAY  
January 17, 2022

January 2022—The CAP has a robust Laboratory Accreditation Program with a commitment to continually improving the programs and providing appropriate resources needed for compliance. As a deemed status organization, validation surveys are performed annually through the Centers for Medicare and Medicaid Services and the feedback obtained provides direction for education.



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# [Cytopathology in focus: Our appeal to program participants—return glass slides](#)

written by CAP TODAY  
January 17, 2022

January 2022—A diverse and copious inventory of Pap and nongynecologic glass slides is the backbone of the CAP glass slide educational programs. Each year tens of thousands of cytopathology slides are packaged and mailed to laboratories enrolled in CAP educational glass slide programs throughout the world. Prior to mailing, numerous cytotechnologists and cytopathologists screen these slides and companion web enhancement images to ensure quality and diagnostic accuracy.



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# [From the President's Desk: The CAP for the next generation](#)

written by CAP TODAY  
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## **The CAP for the next generation**

January 2022—Happy New Year! Most of us start each year with resolutions, fresh budgets, or perhaps yearlong plans. This is often the time we think about the future and the choices we need to make now to achieve those long-term goals. In that spirit, I've been thinking about how important it is for the CAP to continually engage with and mentor the newest members of our pathology community. Residents and early-career pathologists bring vibrant energy to our ranks, and many of them will eventually contribute to the leadership of the CAP. While we always value the experience and wisdom of our more seasoned fellows, it is essential that we also make space to train up-and-coming leaders.



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# [Clinical pathology selected abstracts](#)

written by CAP TODAY  
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January 2022—Cancer rates have decreased consistently during the last several years, but not all populations have experienced similar rates of decline.



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## [Anatomic pathology selected abstracts](#)

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January 2022—Ki67, a nuclear proliferation-related protein, is used extensively in anatomic pathology but has not become a companion diagnostic or a standard-of-care biomarker because of analytic variability in assay protocols and interpretation.



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## [Pathology informatics selected abstracts](#)

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January 2022—With modern HIV testing incorporating p24 antigen detection, fourth- and fifth-generation HIV screening tests have halved the time between acquiring and detecting the infection.



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## [Molecular pathology selected abstracts](#)

written by CAP TODAY  
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January 2022—Irritable bowel syndrome is the most common gastrointestinal disorder, affecting 10 to 15 percent of the world population, yet its etiology is unknown. Patients experience a spectrum of gastrointestinal symptoms, including diarrhea, constipation, abdominal cramping, and pain.



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## Q&A column

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### **January 2022**

**Q.** When reporting reference ranges for absolute differential counts, should the ranges be age specific or is a single reference range acceptable? [Read answer.](#)

**Q.** Is it acceptable to use polystyrene tubes for aliquotting plasma for coagulation tests, such as platelet aggregation, and factor-related studies requiring serial dilutions of plasma? I recall seeing recommendations for using nonpolystyrene tubes for frozen plasma aliquots but did not see a reason for the recommendation. [Read answer.](#)



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## Newsbytes

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### **One pathologist's foray into 3D printing**

January 2022—The use of three-dimensional printing in the pathology lab may still be in its infancy, but

pathologist Danielle Lameirinhas Vieira Maracaja, MD, and her anesthesiologist husband have been affirming its value to pathologists, and the medical community in general, for years. Dr. Danielle Maracaja, a pathologist at Atrium Health Wake Forest Baptist, Winston-Salem, NC, and assistant professor of pathology at Wake Forest School of Medicine, has been working alongside her husband, Luiz Maracaja, MD, associate professor of anesthesiology at the same hospital and medical school, in designing and producing medical tools using 3D-printing technology for more than five years. They took on one of their largest projects in early 2020, when Dr. Danielle Maracaja was a pathology fellow at Yale University School of Medicine and COVID-19 cases were spiking.



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## [Put It on the Board](#)

written by CAP TODAY  
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January 2022—The Food and Drug Administration granted 510(k) clearance for SeptiCyte Rapid, which runs on Biocartis' molecular diagnostics Idylla platform. It's a fully automated, rapid host-response test that distinguishes sepsis from infection-negative systemic inflammation in patients suspected of sepsis.



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