Clinical pathology selected abstracts

written by CAP TODAY
January 17, 2023

January 2023—*Borrelia burgdorferi* is the leading cause of Lyme disease in the United States, with approximately 35,000 new cases reported to the CDC each year. The agency recommends a two-tiered approach to testing.

Anatomic pathology selected abstracts

written by CAP TODAY
January 17, 2023

January 2023—Radioembolization therapy uses yttrium-90-impregnated resin or glass microspheres to selectively target hepatic lesions via transarterial radioembolization. Occasional cases of gastrointestinal (GI) tract injury secondary to nontargeted delivery of microspheres have been reported, but large descriptive pathology series are lacking.

Molecular pathology selected abstracts

written by CAP TODAY
January 17, 2023

January 2023—An international group of scientists and clinicians identified the molecular cause of a rare neurodevelopmental syndrome affecting children worldwide. This discovery was made possible through such publicly available online databases as MyGene2, GeneMatcher, and Matchmaker Exchange, which match genotypic profiles with phenotypic profiles of rare diseases.

Newsbytes

written by CAP TODAY
January 17, 2023

January 2023—The acclaimed film composer John Powell said, “Communication works for those who work at it.” A sentiment to which Yonah Ziemba, MD, adhered when communicating data via charts, graphs, and tables during his pathology fellowship—benefiting himself and others.

Q&A column

written by CAP TODAY
January 17, 2023

January 2023
Q. I am updating our procedure for blood draw volume limits and using *So You’re Going to Collect a Blood Specimen: An Introduction to Phlebotomy,* 15th edition, by Frederick L. Kiechle, MD, PhD, as a guide. The chart in the manual lists volume limits for a single blood draw at 2 cc/kg. Other charts online list 2.5 cc/kg and a maximum milliliters per 30-day period that is twice the single blood draw (5 cc/kg). I

am going to use 2 cc/kg and add a column for maximum milliliters in a 30-day period at 4 cc/kg.

The phlebotomists are confused about whether a single blood draw means every day of the patient's admission or if you would take the single blood draw and only allow the remainder of the 30-day limit. You could essentially draw the single blood draw volume limit on day one and the remainder on day two. Please clarify. Read answer.

Q. An oncologist contacted the laboratory to ask if our standard estradiol immunoassay was appropriate to monitor her breast cancer patients who are on an aromatase inhibitor. What should I say? Read answer.

Put It on the Board

written by CAP TODAY
January 17, 2023

January 2023—The Association for Molecular Pathology last month released a report on somatic variant classification using 2017 standards and guidelines for interpreting and reporting such variants, which were a consensus recommendation of the AMP, CAP, and American Society of Clinical Oncology.

Shorts on Standards: Now out: ISO 15189 new

edition on quality and competence

written by CAP TODAY
January 17, 2023

January 2023—The fourth edition of the International Organization for Standardization's ISO 15189, Medical Laboratories—Requirements for Quality and Competence, was published at the end of 2022. This international standard, adopted as an accreditation standard by many countries around the world, applies principles of quality management to the clinical laboratory and has general requirements for competent performance of testing. In the United States, ISO 15189 has been implemented voluntarily by close to 100 laboratories as an adjunct to CLIA '88 regulations or CAP accreditation.

Letters

written by CAP TODAY
January 17, 2023

January 2023—The CAP president's column, "The visible pathologist" (CAP TODAY, November 2022), struck a chord that has been reverberating through our specialty for many years when a medical student who expressed an interest in pathology was asked, "Why don't you want to be a real doctor?" You put it in terms of "disappearing" as judged by our role in the case of patients.

Verichem reference materials for cholesterol assays

written by CAP TODAY
January 17, 2023

January 2023—Verichem Laboratories offers liquid-stable, ready-to-use clinical reference materials intended for calibration and calibration verification procedures for total cholesterol and high- and low-density lipoprotein assays.

FDA clears Simplexa Congenital CMV Direct assay

written by CAP TODAY
January 17, 2023

January 2023—DiaSorin announced it has received FDA 510(k) clearance for its Simplexa Congenital CMV Direct kit. The molecular diagnostic test enables direct detection of cytomegalovirus DNA in saliva swab and urine specimens from babies 21 days old or younger. It is the first kit to receive FDA clearance for CMV detection from both saliva swab and urine specimens.