New SPECT Imaging Guideline Published by the American Society of Nuclear Cardiology Addresses the Many Advances in SPECT Myocardial Perfusion Imaging

The SPECT imaging guideline published by the American Society of Nuclear Cardiology (ASNC) provides an update to the 2010 ASNC SPECT guidelines.

(PRWEB) June 20, 2018 -- This 2018 guideline, “ASNC Imaging Guidelines: Single Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging—Instrumentation, Acquisition, Processing, and Interpretation,” is designed to provide MPI guidelines for conventional and novel SPECT for all nuclear cardiology practitioners.

The new guideline features updates on novel hardware, collimators and CZT scanners, plus brand-new sections on—

- Reduced count density reconstruction techniques,
- SPECT myocardial blood flow quantification,
- Stress-first/stress-only imaging, and
- Patient-centered myocardial perfusion imaging.

“Recent breakthroughs in SPECT technology enable, for the first time, exceedingly low radiation dose imaging, myocardial blood flow quantitation, and personalized imaging protocols,” states Sharmila Dorbala, MD, MPH, FASNC, lead author of the guideline. “These advances have transformed SPECT myocardial perfusion imaging [MPI], as we know it. We hope that by standardizing the contemporary practice of SPECT MPI, these guidelines will ultimately benefit patients with heart disease.”

The guideline earned the endorsement of the Society of Nuclear Medicine and Molecular Imaging (SNMMI), and is published in the Journal of Nuclear Cardiology. View new SPECT guideline.

“It highlights very important advances in contemporary SPECT MPI while also providing guidance on best practices for performing high-quality, patient-centered imaging for optimal results that will have a meaningful impact on patient management and outcomes,” says Panithaya Chareonthaitawee, MD, co-author and president of the SNMMI Cardiovascular Council. “The document will be an extremely valuable resource for members of ASNC, SNMMI, and the nuclear cardiology community.”

About ASNC
ASNC is the recognized leader in quality, education, advocacy and standards in cardiovascular imaging, with more than 4,200 members worldwide. 2018 marks its 25th year anniversary as the only society dedicated solely to advocacy issues that impact the field of nuclear cardiology and is working with success to influence regulations to fight onerous private health plan policies – averting reimbursement declines and fighting for improved payment and coverage. ASNC is dedicated to continuous quality improvement, education and patient-centered imaging, illustrating the ongoing commitment as a leader in the field of nuclear imaging and improving patient outcomes. ASNC establishes standards for excellence in cardiovascular imaging through the development of clinical guidelines, professional education, advocacy and research development. ASNC’s members are comprised of cardiologists, radiologists, physicians, scientists, technologists, imaging specialists and other professionals committed to the science and practice of nuclear cardiology. For more information, visit www.asnc.org.
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