
RSNA Press Release

RSNA in Brief—Q3 2017

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To keep you informed about its current activities, the Radiological Society of North America (RSNA) distributes brief quarterly updates. For more information about any of these activities or to interview a spokesperson, contact RSNA Media Relations staff.

RSNA 2017 Media Registration

Media registration is ongoing for [RSNA's 103rd Scientific Assembly and Annual Meeting](#). RSNA 2017 will be held at Chicago's McCormick Place from November 26 to December 1. Visit RSNA.org/press17 to register in advance and skip the line.

Machine Learning Showcase

At the 2017 Annual Meeting, RSNA will introduce a new Machine Learning Showcase on the exhibit floor. The Machine Learning Showcase—sponsored by Carestream Health, Google Cloud and Zebra Medical Vision—will be a destination for attendees to connect with companies and see the latest in Machine Learning and Artificial Intelligence software and products. It will provide unique opportunities to learn more about how these new technologies can help support their business practices.

Fast 5 Session

Also new at RSNA 2017 is the Fast 5 Session. During the session, five speakers will each give a five-minute presentation on the Arie Crown stage involving their unique ideas about topics which inspire them to explore, invent and transform medical imaging.

Cybersecurity Session

A new cybersecurity session will be developed by the Medical Imaging & Technical Alliance (MITA) with speakers from MITA and the FDA.

RSNA Image Contest

The [RSNA Image Contest](#) returns for RSNA 2017. During the month of October, viewers are invited to vote for their favorite images in any of the following categories: Radiology Art, Radiology Hobbies, and Best Photo. The top 5 images in each category will receive recognition both on the winner's page online and in the RSNA Connections Center during RSNA 2017.

International Day of Radiology

November 8th marks the sixth [International Day of Radiology \(IDoR\)](#) and the 122nd anniversary of Wilhelm Conrad Roentgen's discovery of X-rays. IDoR 2017 highlights the essential role that radiologists play in the emergency room, making life-saving diagnoses and therapeutic interventions.

IDoR is jointly sponsored by RSNA, the American College of Radiology (ACR) and the European Society of Radiology (ESR). Last year, more than 155 radiology-related professional societies from around the world celebrated IDoR.

QIBA Conformance Certification Pilot Program

The Board authorized a Quantitative Imaging Biomarkers Alliance (QIBA) collaboration with Accumetra to pilot a conformance certification program focusing on QIBA's CT Small Nodule Volumetry Profile. The pilot establishes a program to test and validate CT scanner and acquisition protocols for clinical sites and equipment manufacturers.

Support for NIBIB Panel on Gadolinium Deposition

RSNA agreed to provide support for an invitational workshop on gadolinium-based contrast agents for MRI, being convened by the National Institute of Biomedical Imaging and Bioengineering (NIBIB) this fall. An objective of the conference will be to reach a consensus and produce a white paper on what is known and not yet known about gadolinium deposition.

Image Wisely Radiation Dose Exhibits

"[A Continuous Quality Improvement Process to Reduce Excessive CT Radiation Dose Events across a Large, Multi-institutional Academic Center](#)" has been added to the Image Wisely website. Radiation dose exhibits from RSNA 2016 on the Image Wisely website offer strategies for optimizing necessary nuclear radiography examinations, including the use of appropriateness criteria, guidelines and accreditation, and optimizing techniques for choosing radiopharmaceutical dose.

RSNA Pediatric Bone Age Challenge

The testing phase has just begun for the [RSNA Pediatric Bone Age Challenge](#). The goal of the challenge is to develop a machine-learning algorithm that can most accurately determine skeletal age on a validation set of pediatric hand radiographs. The competition will utilize three skeletal age datasets acquired from Stanford Children's Hospital, Colorado Children's Hospital and the University of California Los Angeles. A training set of hand radiographs and corresponding skeletal ages will be provided to the participants. The competition ends October 15. Awardees will be announced at RSNA 2017.

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RSNA is an association of more than 54,000 radiologists, radiation oncologists, medical physicists and related scientists, promoting excellence in patient care and health care delivery through education, research and technologic innovation. The Society is based in Oak Brook, Ill. ([RSNA.org](#))