

**ADDITIONAL STORY IDEAS**  
**RSNA 103<sup>rd</sup> SCIENTIFIC ASSEMBLY AND ANNUAL MEETING**

In addition to the presentations described in RSNA news releases, the following presentations have been identified as particularly newsworthy. Times, locations and abstracts for the presentations can be found in the online program at <http://rsna2017.rsna.org/program/>.

**FEATURED STUDIES**

**BREAST**

Mon. Nov. 27, #RC215-02, *Screening Mammography: Trends in Utilization from 2005 to 2015*, Gilda Boroumand, M.D., Hamden, Conn.

Tues. Nov. 28, #SSJ02-03, *Optoacoustic Imaging of the Breast: Down-classification and Up-classification of Suspicious Breast Masses*, Gisela d. Menezes, B.Arch., Utrecht, Netherlands

Wed. Nov. 29, #SSK01-06, *Use of Artificial Intelligence to Reduce Breast Biopsies*, Alyssa T. Watanabe, M.D., Manhattan Beach, Calif.

**EMERGENCY RADIOLOGY**

Wed. Nov. 29, #ER227-SD-WEA3, *NYC Bicycle Trauma: Historical Review and Analysis of Trends*, Kishore K. Chundru, M.D., New York, N.Y.

**MUSCULOSKELETAL**

Tues. Nov. 28, #SSJ16-04, *Type 2 Diabetes Patients Show Accelerated Cartilage Matrix Degeneration Compared to Age, Gender and BMI-matched Diabetes Free Controls: Data from the Osteoarthritis Initiative*, Jan Neumann, M.D., San Francisco, Calif.

**NEURORADIOLOGY**

Mon. Nov. 27, #SSC11-04, *fMRI Markers of Decision-Making under Uncertain Conditions*, Danielle C. Farrar, M.A., Boston, Mass.

Fri. Dec. 1, #SST08-03, *Static and Dynamic Evaluation with MRI of Larynx and Oro-Pharyngeal Cavity in Professional Opera Singers*, Marco Di Girolamo, M.D., Rome, Italy

Mon. Nov. 27, #NR345-SD-MOA4, *Web Treatment for Small Ruptured Intracranial Aneurysms*, Sanne van Rooij, M.Sc., M.D., Alkmaar, Netherlands

Mon. Nov. 27, #SSE17-01, *Evaluation Changes of Cerebral Iron Deposition in Patients with Alzheimer's Disease and Mild Cognitive Impairment Using SWI Phase Data*, Xiangzhu Zeng, M.D., Beijing, China

Tues. Nov. 28, #RC305-02, *Prediction of IV Thrombolysis Effect Using CT Perfusion-Post-Processed Detection of Vessel Occlusions*, Wolfgang G. Kunz, M.D., Munich, Germany

Tues. Nov. 28, #NR366-SD-TUB4, *Resting State Functional Connectivity of the Language Network in Young Adults with Multiple Sclerosis*, Andrew LaBella, B.Eng., Stony Brook, N.Y.

Tues. Nov. 28, #SSG12-06, *Longitudinal Diffusion Tensor Imaging as a Predictor of Motor Impairment Worsening in Early Stage Parkinson's Disease*, Thais Minett, Ph.D., Cambridge, U.K.

Thurs. Nov. 30, #SSQ15-02, *CT Texture of Carotid Arteries identifies Vulnerable Plaque in Stroke and Transient Ischaemic Attack: a Preliminary Outcome Study*, Fulvio Zaccagna, M.D., Cambridge, U.K.

### **PEDIATRIC**

Mon. Nov. 27, #RC213-04, *Well-Founded Practice or Personal Preference? A Comparison of Techniques for Measuring Ulnar Variance in Children*, Laura S. Kox, M.D., Amsterdam, Netherlands

### **OTHER HIGHLIGHTS**

#### **BREAST**

Fri. Dec. 1, #SST01-08, *A Reader Study of MARIA Radiowave Breast Imaging Compared with X-Ray Mammography for the Symptomatic Breast*, Peter Bannister, M.Sc., F.R.C.R., Bristol, U.K.

Wed. Nov. 29, #SSM01-01, *A Monte Carlo Simulation: Impact of New USPSTF on Breast Cancer Screening on Ages 40-49 across the USA*, Akshay Goel, M.D., New York, N.Y.

#### **CARDIAC**

Tues. Nov. 28, #SSJ04-03, *Sexual Dimorphism in the Association between Coronary Plaque Burden and Coronary Wall Thickness in Asymptomatic Coronary Artery Disease*, Khaled Z. Abd-Elmoniem, Ph.D., Bethesda, Md.

Fri. Dec. 1, #SST02-07, *Lower Annual Cardiac Events in Diabetics with a Normal Exercise GMPI and a Functional Capacity  $\geq 7$  METS on Treadmill*, Maseeh U. Zaman, M.B.B.S., Karachi, Pakistan

#### **EMERGENCY RADIOLOGY**

Mon. Nov. 27, #ER211-SD-MOA5, *Incidence of Pulmonary Hypertension in Blast Injury Patients*, Dean E. Baird, M.D., Bethesda, Md.

Mon. Nov. 27, #ER214-SD-MOB3, *Radiological Identification of Decedents by Means of Image Fusion*, Dominic Gascho, Zurich, Switzerland

Mon. Nov. 27, #SSE06-02, *Role of CT in the Personal Identification of Cadavers in Mass Disaster: Our Experience in Shipwrecked Migrants*, Federica Vernuccio, M.D., Palermo, Italy

Tues. Nov. 28, #RC305-08, *Lesion Evolution in Stroke and Ischemia on Neuroimaging (LESION) Study: The Probability of Ischemic Stroke Therapeutic Targets Across Time*, Adrienne N. Dula, Ph.D., Austin, Texas

Tues. Nov. 28, #RC308-12, *Using Social Media as a Platform to Provide Humanitarian Tele-Radiology Services to Areas Under Siege*, Abdulrahman Masrani, M.D., Ballwin, Mo.

### **HEALTH SERVICES, POLICY AND RESEARCH**

Thurs. Nov. 30, #HP237-SD-THA2, *Systematic Screening for Environmental and Behavioral Determinants Identifies Factors Detrimental to Skeletal Health*, Ling Oei, M.D., M.A., Rotterdam, Netherlands

### **PEDIATRIC**

Sun. Nov. 26, #PD205-SD-SUB1, *The Comparison of 3D Fetal Images Obtained by Ultrasound and Magnetic Resonance Imaging in the Third Trimester*, Heron Werner, M.D., and Bianca Guedes Ribeiro, M.D., Rio de Janeiro, Brazil

Mon. Nov. 27, #PD211-SD-MOA2, *Initial Clinical Evaluation of Stationary Digital Chest Tomosynthesis in Patients with Cystic Fibrosis*, Elias T. Gunnell, M.S., B.S., Chapel Hill, N.C.

Wed. Nov. 29, #PD237-SD-WEB3, *Abnormal Thalamocortical Functional Connectivity During Nonrapid Eye Movement Sleep in Children Suffer from Primary Nocturnal Enuresis*, Bing Yu, M.D., Shenyang, China

Wed. Nov. 29, #PD238-SD-WEB4, *Abnormal Neurite Orientation Dispersion and Density of White Matter in Children Suffer from Primary Nocturnal Enuresis*, Bing Yu, M.D., Shenyang, China

### **PHYSICS**

Tues. Nov. 28, #SSG14-02, *Optimized Technique for Reducing Breast Compression in Digital Breast Tomosynthesis*, David A. Scaduto, Ph.D., Stony Brook, N.Y.

Wed. Nov. 29, #SSM20-01, *Hyperpolarized Water as an Alternative MRI Contrast Agent*, Sebastian Fischer, M.D., Frankfurt, Germany

### **NEURORADIOLOGY**

Mon. Nov. 27, #RC205-11, *Deep Learning for Gender Differentiation*, Felipe C. Kitamura, M.D., M.Sc., Sao Paulo, Brazil

Mon. Nov. 27, #SSC11-01, *Impact of Glycemic Control and Cardiovascular Disease Measures on Hippocampal Functional Connectivity in African Americans with Type 2 Diabetes: A Resting State fMRI Study*, Albert Montillo, Ph.D., Dallas, Texas

Mon. Nov. 27, #SSC11-02, *Functional MRI Neuroimaging Study of Earnings Management Decision by Business Managers*, Eslam Y. Youssef, M.D., Toledo, Ohio

Tues. Nov. 28, #NR365-SD-TUB3, *Association Between Local Fat Depots Assessed by Whole-Body MR Imaging and Gray Matter Brain Volumes*, Ebba Beller, Munich, Germany

Tues. Nov. 28, #NR358-SD-TUA3, *Detection of Skull Fractures on Curved Maximum Intensity Skull Projections by Means of Deep-Learning*, Jakob Heimer, M.D., Zurich, Switzerland

Wed. Nov. 29, #NR373-SD-WEA4, *Enlarged Perivascular Spaces of Subjects with Silent Lacunar Infarction from a Nationwide Longitudinal Study of Ageing*, Anne R. Buckley, M.D., Dublin, Ireland

Thurs. Nov. 30, #SSQ16-05, *Effects of Mentally Stimulating Activities Training On Resting-State Network Functional Connectivity in Amnesic Mild Cognitive Impairment: A Pilot Controlled Trial*, Wenchao Cai, B.M.B.S, Ph.D., Fuzhou, China

**VASCULAR/INTERVENTIONAL**

Mon. Nov. 27, # RC214-13, *Could We Defrost a Shoulder? Arterial Embolization as a New Treatment in Adhesive Capsulitis*, Ana Maria Fernandez Martinez, M.D., Leon, Spain