

ADDITIONAL STORY IDEAS

RSNA 102nd SCIENTIFIC ASSEMBLY AND ANNUAL MEETING

In addition to the presentations described in RSNA news releases, the following presentations have been identified as particularly newsworthy. **These stories are embargoed for release at the time of their presentations.** Times, locations and abstracts for the presentations can be found in the online program at <http://rsna2016.rsna.org/program/>.

FEATURED STUDIES

CARDIAC

Sun. Nov. 27, #SSA04-01, *Relationship between Pregnancy Complications and Subsequent Coronary Atherosclerosis in African-American Women: A Coronary Computed Tomography Angiography Study*, Julian L. Wichmann, M.D., Charleston, S.C.

HEALTH SERVICES, POLICY AND RESEARCH

Wed. Nov. 30, #SSM11-01, *Radiology Information Security Worldwide: Recent Trends and Changes*, Oleg S. Pinykh, Ph.D., Boston, Mass.

Wed. Nov. 30, #SSM11-02, *Understanding Racial Disparities in Screening Mammography: Can Better Contact with a Primary Care Physician Heal the Divide?* Vishala Mishra, M.B.B.S., Boston, Mass.

INFORMATICS

Sun. Nov. 27, #IN202-SD-SUA3, *Developing an Augmented Virtual Reality Application for Interventional Procedures in Neuroradiology*, Sergios Gargalas, M.D., Oxford, U.K.

MUSCULOSKELETAL

Tues. Nov. 29, #MK314-SD-TUA1, *Association of Weight Change with Progression of Meniscal Degeneration over 48 Months: Data from the Osteoarthritis Initiative*, Julio B. Guimaraes, M.D., San Francisco, Calif.

NEURORADIOLOGY

Mon. Nov. 28, #SSE17-04, *Realtime-fMRI Neurofeedback in Tobacco Dependent Patients: Effect on Long-term Smoking Cessation*, Marco Paolini, M.D., Munich, Germany

Wed. Nov. 30, #RC505-09, *Complex Segmentation and Onsite 3-D Printing of Severe Scoliotic Spine for Pre-Surgical Planning and Intra-Operative Visualization*, Javin Schefflein, M.D., New York, N.Y.

Fri. Dec. 2, #SST08-08, *Endogenous and Non-radiative Imaging Marker of Neuroinflammation Accurately Reflects Disease Progression in Alzheimer Disease*, Qing Wang, Ph.D., St. Louis, Mo.

PEDIATRIC

Mon. Nov. 28, #RC213-03, *Ultrasound Assessment of Adaptive and Overuse Changes in the Fingers of Adolescent Competitive Rock Climbers*, Kathryn Garcia, Los Altos, Calif.

OTHER HIGHLIGHTS

BREAST

Sun. Nov. 27, #BR218-SD-SUA3, *Impact of High Animal Fat Diet on the Development of Mammary Cancers in a Transgenic Mouse Model of Breast Cancer based on Magnetic Resonance Imaging and Histology*, Devkumar Mustafi, Ph.D., Chicago, Ill.

Mon. Nov. 28, #RC215-08, *High Breast Compression in Mammography may Reduce Sensitivity*, Nico Karssemeijer, Ph.D., Nijmegen, Netherlands

CHEST

Mon. Nov. 28, #CA214-SD-MOA5, *Characterization of Left Ventricular Remodeling in Professional Soccer Players: Can We Prevent Sudden Cardiac Death Using CMR?* Enver G. Tahir, M.D., Hamburg, Germany

Mon. Nov. 28, #SSE05-01, *CT-Based Models for Prediction of Chronic Obstructed Pulmonary Disease and Smoking-related Morbidity in Cigarette Smokers*, Jean-Paul Charbonnier, M.Sc., Nijmegen, Netherlands

Wed. Nov. 30, #SSM03-06, *Prevalence of Coronary Artery Disease (CAD) in Premenopausal Women Presenting with Acute Chest Pain Diagnosed by Coronary CT Angiography*, Krystal D. Airola, M.D., Stony Brook, N.Y.

GASTROINTESTINAL

Tues. Nov. 29, #SSJ08-05, *Initial Experience Using a Telerobotic Ultrasound System to Perform Adult Abdominal Examinations*, Scott J. Adams, Saskatoon, Saskatchewan, Canada

Tues. Nov. 29, #RC309-11, *Metabolic Effects Resulting from Changes of Liver Volume, Intrahepatic Fat and Body Weight in the Course of a Lifestyle Interventional Study*, Malte N. Bongers, M.D., Tuebingen, Germany

Thurs. Dec. 1, #SSQ06-02, *Body Composition Profiling using MRI – Normative Data for Subjects with Diabetes Extracted from the UK Biobank Imaging Cohort*, Olof Dahlqvist Leinhard, Ph.D., Linkoping, Sweden

HEALTH SERVICES, POLICY AND RESEARCH

Mon. Nov. 28, #HP215-SD-MOB5, *Tuberculosis Screening in Asylum Seekers during Germany's Migrant Crisis: A Single Center Experience*, Michael Kostrzewa, M.D., Mannheim, Germany

Thurs. Dec. 1, #HP241-SD-THB3, *Virtual Exploration of Egyptian Mummies Using 256-Slice and Spectral CT: Preliminary Experience*, Etienne Danse, M.D., Ph.D., Brussels, Belgium

INFORMATICS

Tues. Nov. 29, #SSJ13-04, *The Patient Engagement for Equity in Radiology (PEER) Project: Big-Data Driven Predictive Analytics Model to Identify Social Determinants of Health Negatively Impacting Access to Radiology Care and Develop Culturally Sensitive Healthcare Solution*, Efrén J. Flores, M.D., Boston, Mass.

Wed. Nov. 30, #SSM12-04, *Collaborative Robotic Ultrasound: Towards Clinical Application*, Benjamin Frisch, Ph.D., Munich, Germany

MOLECULAR IMAGING

Wed. Nov. 30, #SSK11-09, *Smartphone based Diagnostics (D3) Enable Molecular Characterization of Lymphoma in Resource-limited Countries*, Aoife Kilcoyne, M.B.B.Ch., Boston, Mass.

MUSCULOSKELETAL

Mon. Nov. 28, #SSE14-05, *Evaluation of the Effectiveness of a Simplified CT-Guided Infiltration of the Greater Occipital Nerve in the Treatment of Refractory Cranio-Facial Pain Syndromes Other than Occipital Neuralgia in 52 Patients*, Adrian I. Kastler, M.D., M.Sc., Grenoble, France

Mon. Nov. 28, #MK302-SD-MOA3, *Accelerated Onset of Knee Osteoarthritis - Role of MRI-Defined Risk Factors One Year Prior Osteoarthritis Incidence*, Frank W. Roemer, M.D., Boston, Mass.

NEURORADIOLOGY

Sun. Nov. 27, #NR343-SD-SUA3, *Hippocampal Calcification on Brain CT, Prevalence and Risk Factors in a Stroke Population*, Remko Kockelkoren, M.D., Utrecht, Netherlands

Mon. Nov. 28, #SSE17-03, *Associations Between Whole Brain Network Connectivity and Cognitive Function in African Americans with Type 2 Diabetes Mellitus: A Resting-state Functional MRI Graph Theoretical Analysis*, Daniel K. Cook, M.D., Winston-Salem, N.C.

Mon. Nov. 28, #SSE19-03, *Selective Ablative Thalamotomy of Ventral Intermediate Nucleus Using High Intensity Focused Ultrasound (HIFU) MRI-Guided in Patients with Essential Tremor*, Esther de Luis, M.D., Mostoles, Spain

Tues. Nov. 29, #SSJ19-06, *Soccer Heading and Diffusion Tensor Imaging (DTI): The Effects of Subconcussive Head Injury on White Matter Microstructure*, Sara B. Rosenbaum, M.D., Bronx, N.Y.

Tues. Nov. 29, #NR382-SD-TUB6, *Functional MRI and Diffusion Tensor Imaging for Young Athletes' Sport-related Concussion: A Pilot Study*, Wen-Ching Liu, Ph.D., Peoria, Ill.

PEDIATRIC

Sun. Nov. 27, #RC113-06, *Maternal-Fetal Attachment in Blind Women Using Physical Model from Three-dimensional Ultrasound and Magnetic Resonance Scan Data: Six Serious Cases*, Heron Werner Jr., M.D., Ph.D., Rio De Janeiro, Brazil

Tues. Nov. 29, #PD226-SD-TUB2, *Functional Network Reorganization of Multimodal Integration Regions in Blind Children*, Laura Ortiz Teran, M.D., Ph.D., Boston, Mass.

VASCULAR/INTERVENTIONAL

Mon. Nov. 28, #SSE25-02, *CT-guided Intramuscular Injection of Botulinum Toxin A for Treatment of Myofascial Pelvic Pain: Single Center Evaluation of Safety and Early Efficacy*, Anna Moreland, M.D., Baltimore, Md.

Wed. Nov. 30, #SSM23-01, *Minimally Invasive Low Voltage Pulsed Electric Fields of the Fundus of the Stomach as a Weight-loss Intervention*, Rahmi Oklu, M.D., Ph.D., Scottsdale, Ariz.

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