

ADDITIONAL STORY IDEAS
RSNA 99th 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.** The time and location of each presentation can be found in the program book, and the full abstract is available by searching the online program at <http://rsna2013.rsna.org/program/>.

FEATURED STUDIES

BREAST

Tues. Dec. 3, #LL-BRS-TU6A, *Breast Density and Its Correlation with Invasive Breast Cancer Prognostic Indicators*, Gary Esses, B.S., New York, N.Y.

Wed. Dec. 4, #LL-BRS-WE6A, *Can 2D Central Projection Acquired During Digital Breast Tomosynthesis Replace Digital Mammography?* Paola Clauser, M.D., Udine, Italy

Thurs. Dec. 5, #LL-BRS-TH4A, *The State of Screening Mammography from 2004 to 2011: Screening Rates Are Down Nationwide as USPSTF Guidelines Are Ignored*, Martey S. Dadoo, Ph.D., Reston, Va.

CARDIAC

Mon. Dec. 2, #SSC02-05, *Fat Accumulation in Skeletal Muscle Quantified by MRS: Relationship to Global Myocardial Function*, Radwa A. Noureldin, M.D., M.Sc., Bethesda, Md.

CHEST

Mon. Dec. 2, #LL-CHS-MO4A, *Percutaneous Cryoablation of Lung Tumors: One Year Follow-up*, Claudio Pusceddu, M.D., Cagliari, Italy

INFORMATICS

Mon. Dec. 2, #SSC09-08, *Impact of a Multi-screen Decision Support Alert on Repeat Use of CT*, Stacy D. O'Connor, M.D., Boston, Mass.

Wed. Dec. 4, #SSK11-05, *CT Dose Variability for Patients Undergoing Repeat Identical CT Scans: A Retrospective Analysis Of 2,606 Patients Undergoing 12,632 CT Scans*, Douglas Glen Larson, M.D., Durham, N.C.

INTERVENTIONAL RADIOLOGY SERIES

Mon. Dec. 2, #VSIR21-03, *Whole Body Contrast Enhanced Magnetic Resonance Angiography Screening for Sub-clinical Atherosclerotic Disease*, Graeme Houston, M.D., FRCR, Dundee, Scotland

MOLECULAR IMAGING

Mon. Dec. 2, #CL-MIS-MO2B, *Radiation-free Whole Body MR Imaging of Children with Cancer: A Solution to the Conundrum of Long-term Side-effects from CT Scans*, Christopher Klenk, M.D., Palo Alto, Calif.

NEURORADIOLOGY

Mon. Dec. 2, #VSNR21-09, *The Back Pain Outcomes Using Longitudinal Data (BOLD) Project-Baseline Data from a Prospective Cohort of ~5,000 Seniors with Back Pain*, Jeffrey Gil Jarvik, M.D., M.P.H., Seattle, Wash.

Mon. Dec. 2, #SSC11-06, *Imaging Genomic Mapping Using Perfusion Uncovers Potential Genomic Targets Involved in Angiogenesis and Invasion*, Rivka Rachel Colen, M.D., Houston, Texas

Fri. Dec. 6, #SST10-09, *Effect of Insurance Status on Imaging Utilization for Acute Ischemic Stroke*, Waleed Brinjikji, M.D., Rochester, Minn.

OTHER HIGHLIGHTS

BREAST

Sun. Dec. 1, #SSA01-02, *3D Breast Ultrasound: Diagnostic Yield Compared to MR Imaging and Histopathology*, Mathijn D. De Jong, M.D., 's-Hertogenbosch, Netherlands

Thurs. Dec. 5, #SSQ02-03, *Use of Quantitative 3D Breast Image Analysis to Inform DCIS Staging*, Stephanie M. Burda, B.A., Chicago, Ill.

HEALTH SERVICES, POLICY AND RESEARCH

Mon. Dec. 2, #LL-HPS-MO1A, *Reducing Radiation Exposure from CT Through Utilization Management*, Mark D. Hiatt, M.D., M.B.A., Kingwood, Texas

Tues. Dec. 3, #LL-HPS-TU3B, *Nationwide Medicare Data Show the End of Growth in Utilization Rates of Advanced Imaging*, David C. Levin, M.D., Philadelphia, Pa.

INFORMATICS

Tues. Dec. 3, #SSG08-01, *Gray-matter Volumetry Predicts Decline of Intelligence Quotient in Children with Sickle Cell Disease*, Rong Chen, Ph.D., Baltimore, Md.

MOLECULAR IMAGING

Tues. Dec. 3, #SSJ15-03, *Imaging Biomarker Evaluation of Cytoskeletal Stabilization Therapy for Traumatic Brain Injury*, Donna J. Cross, Ph.D., Seattle, Wash.

MUSCULOSKELETAL

Mon. Dec. 2, #LL-MKS-MO2A, *An MRI Evaluation of Piriformis Muscle Modifications Induced by Botulinum Toxin (Botox) Injections*, Mohammed A. Alshaikh, Lyon, France

Tues. Dec. 3, #LL-MKS-TU6B, *3 Tesla MRI Imaging of the Shoulder in Asymptomatic Major League Baseball Pitcher Drafts*, Filippo Del Grande, M.D., M.B.A., Lugano, Switzerland

Tues. Dec. 3, #LL-MKS-TU5A, *Real-time MR-guided Cervical Periradicular Injection Therapy Using an Open 1.0 Tesla MRI System – An Outcome Study*, Martin H. Maurer, M.D., Berlin, Germany

Wed. Dec. 4, #SSM13-03, *3D Printing in the Pre-operative Assessment of Subtalar Coalitions Compared to 2D and 3D CT Datasets*, Ananth Annapragada, Ph.D., Houston, Texas

Wed. Dec. 4, #SSK13-03, *MRI T2-mapping with Clinical Correlation after Treatment of Knee Osteoarthritis with Autologous Mesenchymal Stem Cells: A Pilot Study*, Joan C. Vilanova, M.D., Ph.D., Girona, Spain

NEURORADIOLOGY

Sun. Dec. 1, #SSA16-04, *Atherosclerotic Plaque in the Left Carotid Artery Is More Vulnerable than at the Contralateral Side*, Mariana Selwaness, M.D., Rotterdam, Netherlands

Sun. Dec. 1, #SSA15-08, *Volumetric Assessment of the Membranous Vestibular System in Patients Presenting with Vertigo*, Nagy N. Naguib, M.Sc., Frankfurt, Germany

Mon. Dec. 2, #SSE16-04, *Changes of Functional Activation in the Prefrontal Lobe in Early Alzheimer's Disease During Memory Tasks: An ASL- fMRI Study at 4.0T*, Xiaowei Song, Ph.D., Halifax, Canada

Thurs. Dec. 5, #LL-NRS-TH4B, *Changes in Resting-state Functional Connectivity Following BCI-EEG Based Intervention in Sub-acute and Chronic Stroke Patients*, Veena A. Nair, Ph.D., Madison, Wis.

Fri. Dec. 6, #SST10-05, *Initial Findings of Blood-brain Barrier Permeability in Predicting Delayed Cerebral Infarction in Aneurysmal Subarachnoid Hemorrhage*, Jana Ivanidze, M.D., Ph.D., New York, N.Y.

Fri. Dec. 6, #SST11-05, *DTI Correlates of Cognition in Conventional MRI Normal Appearing Brain in Patients with Vitamin B12 Deficiency*, Rakesh K. Gupta, M.D., M.B.B.S., Haryana, India

PEDIATRIC

Mon. Dec. 2, #CL-PDS-MO3A, *Altered Tryptophan Metabolism and White Matter Development in Cerebellum of Children with Autistic Spectrum Disorders*, Jeong-Won Jeong, Ph.D., Detroit, Mich.

Mon. Dec. 2, #CL-PDS-MO1A, *Diffusion Tensor Imaging of the Cerebellum-prefrontal Area in ADHD Children*, Pilar Dies-Suarez, M.D., Mexico City, Mexico

Wed. Dec. 4, #SSK18-01, *The Role of Subdural Hygromas for the Diagnosis of Shaken Baby Syndrome: A Retrospective CT and MRI Study in Children between 0 and 2 Years*, Maria Luise Hahnemann, M.D., Essen, North Rhine-Westphalia, Germany

Wed. Dec. 4, #SSM18-01, *Structural Abnormalities of the Lung in Children Born Extremely Preterm during the Surfactant Era*, Karla M. Logie, B.Sc., Rotterdam, South Holland

PHYSICS

Sun. Dec. 1, #SSA19-06, *Computerized Risk Assessment Imaging System for Predicting the Likelihood of Breast Cancer*, David Izhaky, Ph.D., Airport City, Lod, Israel

RADIATION ONCOLOGY/RADIOBIOLOGY

Mon. Dec. 2, #SSE25-03, *Dual Payload Molecular Radiotherapy against Malignant Brain Cancer*, Akiva Mintz, M.D., Ph.D., Winston Salem, N.C.

VASCULAR IMAGING SERIES

Fri. Dec. 6, #VSVA61-02, *Whole Body Cardiovascular Magnetic Resonance Imaging in the Detection of Occult Disease in Diabetes Mellitus*, Graeme Houston, M.D., FRCR, Dundee, Scotland

VASCULAR/INTERVENTIONAL

Wed. Dec. 4, #SSM23-01, *A New Angiographic Imaging Technology Enables Substantial Dose Reduction Without Compromise to Image Quality*, Marco J. Van Strijen, M.D., Nieuwegein, Netherlands

Fri. Dec. 6, #SST16-08, *The Synergy of High-intensity Focused Ultrasound and Low-dose Generic Chemotherapeutic Virtually Eliminates Multi-drug Resistant Solid Tumor Cells*, Howard Q. Vo, M.D., M.S., Houston, Texas

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