RSNA®
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NEWS

LEARNING CENTER THEATER HIGHLIGHTS
RSNA 110th SCIENTIFIC ASSEMBLY AND ANNUAL MEETING

At RSNA 2024, 120 scientific sessions centered on cutting-edge breakthroughs in radiology in the topics of Low-Field and Mobile MRI, Theranostics, Multiomic and Multicenter Radiology AI, and Value Based, Equitable and Sustainable Radiology will be presented in the Learning Center at RSNA 2024. Sixteen studies identified as particularly newsworthy are highlighted below. Please consult the RSNA 2024 Meeting Program for abstracts and times.

Sun. Dec. 1, #S1-STCE1-1, *Power Grid Independent Low Field MRI*, Hans-Martin Klein, M.D., Ph.D.

Sun. Dec. 1, #S2-STCE2-1, *Climate Resilience and Environmental Sustainability in Radiology: Association Between Long-Term Ambient Air Pollution and Myocardial Fibrosis Assessed by Cardiac MRI*, Jacques Du Plessis, M.B.Ch.B.

Sun. Dec. 1, #S2-STCE2-2, *Disparities of Access to Medical Imaging Technology Across the U.S. as a Function of Social Vulnerability*, Isabel Montero

Sun. Dec. 1, #S5-STCE1-2, *Three Interventions, Three Villages, One Goal – Health Equity*, Komal Verma Saluja, M.B.B.S.

Mon. Dec. 2, #M2-STCE1-3, *Initial Data from a Screening Mammography Program Inside SuperWalmart*, Matthew McCabe, Ph.D.

Mon. Dec. 2, #M2-STCE1-2, *Breast Cancer Artificial Intelligence Algorithm Improves Cancer Detection Rate Equitably Across Race and Ethnicity*, Leeann Louis, Ph.D.

Mon. Dec. 2, #M3-STCE1-1, *Exploring Anatomical Race Differences in Mammographic Images Using AI: Preliminary Results*, Tamerlan Mustafaev, M.D.

Mon. Dec. 2, #M6-STCE1-1, *Evaluation of the Glymphatic System in Migraine with Aura Patients Based Multimodal fMRI*, Xirui Duan

Mon. Dec. 2, #M7-STCE1-1, *Detecting Myelin Loss at 0.064T Using a Novel Myelin Water Imaging Technique: A Multiple Sclerosis Case Study*, Hanwen Liu

Tues. Dec. 3, #T2-STCE1-1, Low-Field (64mT) *Portable Brain MRI in Hospitalized and Emergency Department Patients: Real-World Experience from Our First Two Years*, Amy Lin, FRCPC

Tues., Dec. 3, #T6-STCE1-1, *Discovery of High-Risk Clinical Factors that Accelerate Brain Aging in Adults: Evidence from a Population-Based Machine-Learning Study*, Jing Sun, M.D.

Tues. Dec. 3, #T7-STCE1-1, *The Safety and Efficacy of Intra-Arterial Mesenchymal Stem Cell Injection in the Treatment of Knee Osteoarthritis: A One-Year Follow-Up Study*, Hossein Ghanaati, M.D.

Wed. Dec. 4, #W2-STCE2-1, *Prediction of Amyloid Positivity in Parkinson's Disease Using the Early-Phase 18F-FP-CIT PET Images*, Suhong Kim, M.D., Ph.D.

Wed. Dec. 4, #W3-STCE1-3, *Beyond BMI: AI-Driven Insights on Body Composition's Impact on Brain Health*, Soojin Lee

Thurs. Dec. 5, #R6-STCE2-2, *Deep Learning-Accelerated MR Imaging in Muscle Injuries of Professional Soccer Athletes: Enhancing Efficiency and Reducing Costs in Radiology*, Scherwin Mahmoudi, M.D.

Thurs. Dec. 5, #R7-STCE1-1, *Transcribing Multilingual Radiologist-Patient Dialogue into Mammography Reports Using AI: A Step Towards Patient-Centric Radiology*, Amit Gupta, M.D., M.B.B.S.