

ADDITIONAL STORY IDEAS
RSNA 106th SCIENTIFIC ASSEMBLY AND ANNUAL MEETING

In addition to the presentations described in RSNA news releases, the following presentations have been identified as particularly newsworthy.

FEATURED PAPERS

ARTIFICIAL INTELLIGENCE

Fri., Dec 4, 2:00 – 3:00 PM CT, #SSBR07-06, Featured Paper, *Deep Learning to Reduce Unnecessary Biopsy in Breast Cancer Screening*, Chang Liu, Pittsburgh, Pennsylvania

NEURORADIOLOGY

Sun., Nov. 29, #SSNR03-02, Featured Paper, *Fully Automated Identification and Characterization of Large Vessel Occlusions on CT Angiography with 3D Convolutional Neural Networks*, Ian Pan, M.A., Providence, Rhode Island

VASCULAR/INTERVENTIONAL

Sat., Dec. 5, 3:30 – 4:30 PM CT, #SSVI06-05, Featured Paper, *Yttrium-90 Radioembolization as a Possible New Treatment for Brain Cancer: Results at Two Years for Proof of Concept and Safety Analysis in a Canine Model*, Sasicha Manupipatpong, B.S., Baltimore, Maryland

ON-DEMAND PAPERS AND POSTERS

BREAST

#BR-1A-54, Poster, *Comparing Performance of 20,972,817 Screening Mammograms in 9,799,099 Women of Different Racial Groups in the National Mammography Database (NMD)*, Cindy S. Lee, M.D., Garden City, New York

EMERGENCY RADIOLOGY

#SSER03-02, On Demand Paper, *CT Radiomics Can Predict Disease Severity and Outcome in COVID-19 Pneumonia*, Fatemeh Homayounieh, M.D., Boston, Massachusetts

MUSCULOSKELETAL

#SSMK06-10, On Demand Paper, *Prediction of Hip Bone Mineral Density from Plain Radiographs with Deep Learning*, Justin Kroge, M.D., San Francisco, California

NEURORADIOLOGY

#NR-1A-54, Poster, *Neurological Manifestations and Neuroimaging Features of COVID-19 Patients: A Multicenter Italian Experience*, Abdelkader Mahammedi, M.D., Cincinnati, Ohio

PEDIATRIC

#PD-1A-23, Poster, *The Impact of Scripted Hypnotic Language on Anxiety Levels and Procedural Experience in the Pediatric Catheterization Suite: A Prospective Randomized Controlled Trial*, Jacqueline Viegas, R.N., Toronto, Ontario, Canada

PHYSICS

#SSPH01-07, On Demand Paper, *Solar Powered Mid Field MRI*, Hans-Martin Klein, M.D., Burbach, Germany

VASCULAR/INTERVENTIONAL

#VI-1A-56, Poster, *Results of Phase III Multicenter Trial of Pulsed Radiofrequency in Patients With Lumbar Disc Herniation and Sciatica*, Alessandro Napoli, M.D., Rome, Italy

OTHER HIGHLIGHTS

EMERGENCY RADIOLOGY

#SSER03-01, On Demand Paper, *Predicting Comorbidities Associated with COVID-19 Admissions from Frontal Radiographs Utilizing a Multipart Neural Network Classifier*, Ayis T. Pyrros, M.D., Hinsdale, Illinois

#ER-1A-18, Poster, *The Role of Imaging in the Evaluation of Medical Tourism Complications*, Cory Robinson Weiss, M.D., Boston, Massachusetts

GASTROINTESTINAL

#SSGI02-13, On Demand Paper, *Fat Quantification by MR Imaging and MR Spectroscopy: Evaluation of Acute Hepatic Fatty Changes with Excessive Eating and Drinking (The Tailgate Study)*, Ayman H. Gaballah, M.D., FRCR, Columbia, Missouri

GENITOURINARY

#GU-1A-47, Poster, *High Visceral Fat Percentage Is Associated With Aggressive Disease in Uterine Cervical Cancer*, Agnes J. Eide, Bergen, Norway

HEALTH SERVICES, POLICY AND RESEARCH

#HS-1A-38, Poster, *Paying Premium: Graduates from Top Ranked Medical Predicted to Benefit from USMLE Pass/Fail Change, But at What Cost?* Junjian Huang, M.D., Boston, Massachusetts

MUSCULOSKELETAL

#MK-1A-14, Poster, *Patterns of Knee Cartilage Thickness in Healthy Middle-aged Adults: Squatting Weightlifters versus Runners versus Non-exercisers*, Haley Reis, Loma Linda, California

#SSMK12-01, On Demand Paper, *Marrow Adipose Tissue Composition Following High-Caloric Feeding and Starvation*, Miriam A. Bredella, M.D., Boston, Massachusetts

#MK-1A-17, Poster, *Frequency of Hand Use and Hand Osteoarthritis: Data From the Osteoarthritis Initiative*, Arya Haj-Mirzaian, M.D., M.P.H., Baltimore, Maryland

#MK-1A-72, Poster, *Ultrasound-Guided Percutaneous Tenotomy of the Long Head of Biceps Tendon in Patients With Symptomatic Complete Rotator Cuff Tear: In-Vivo Non-Controlled Prospective Study*, Domenico Albano, Milano, Italy

#MK-1A-12, Poster, *Hamstring Strains in Professional Athletes: Efficacy of Ultrasound-Guided Hematoma Aspiration and PRP Muscle Injection*, Johannes B. Roedl, M.D., Ph.D., Philadelphia, Pennsylvania

NEURORADIOLOGY

#NR-1A-79, Poster, *Novel Deep Learning Classification Method of RNL Model for Screening Brain Structural Differences of Preschool Children with Autism Spectrum Disorder*, Shijun Li, Charlestown, Massachusetts

#NR-1A-50, Poster, *Neuroinvasive Diseases by Arboviruses: A New Challenge for Public Health*, Daniele Menegassi, São José do Rio Pardo, Brazil

#NR-1A-63, Poster, *Neuropathologic and Cognitive Correlates of Automatically Segmented Enlarged Perivascular Spaces in a Community-Based Cohort of Older Adults*, Carles Jaierre Petit, Chicago, Illinois

#SSNR15-06, On Demand Paper, *No Dose Gadolinium Contrast Using Deep Learning*, Gowtham Krishnan Murugesan, M.S., Plano, Texas

PHYSICS

#RO-1A-09, Poster, *Identification of Effective Depression and Anxiety Screening Tools in Cancer Patients Receiving Radiation Therapy*, Elena Heide, B.S., Orange, California