RADIOLOGICAL SOCIETY OF NORTH AMERICA
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NEWS

High-Impact Clinical Trials at RSNA 2026

Clinical trials are essential to advancing radiology by providing rigorous evidence that new imaging technologies, techniques and artificial intelligence (AI) tools are safe, effective and meaningful for patients. These trials help determine whether innovations improve diagnosis, guide treatment, reduce unnecessary procedures or improve outcomes compared with current standards of care.

By translating promising discoveries into evidence-based clinical practice, clinical trials help ensure that advances in radiology are adopted responsibly and equitably and deliver measurable benefits for patients.

RSNA 2026 offers these sessions featuring high-impact clinical trials in radiology.

Sunday, Nov. 29, at 10:30 a.m. CT

- **Physician Connection Time and Emergency Escalation under Virtual Contrast Supervision Following Permanent CMS Authorization: A Study of 165,350 Outpatient Examinations (S2-STCE1-1),** presented by Alton Skaggs, M.D.

- **Deep Learning-Based MRI Acceleration at Scale: 20% Higher Throughput across 598,833 MRI Examinations Without Added Staffing (S2-STCE1-2),** presented by Julio Zhang, M.P.H., M.D.

- **Transcatheter Arterial Microembolization Using Resorbable Gelatin Microparticles for Refractory Plantar Fasciitis: A Prospective Clinical and MRI Study (S2-STCE1-3),** presented by Soo Buem Cho

- **Is AI-Assisted Radiologist Assessment of Tumor Burden Ready for Routine Clinical Implementation (S2-STCE1-4)?** Presented by Jules Dupont

Monday, Nov. 30, at 10 a.m. CT

- **Head-to-Head Comparison of Contrast-Enhanced US Using Perfluorobutane and MRI LI-RADS Version 2018 for Diagnosing Small HCC in High-Risk Patients: A Prospective Multicenter Non-Inferiority Study (M3-STCE2-1),** presented by Lingling Li

- **Multicenter Validation of Mars as a Multiagent Clinical Copilot Integrating MRI for Rectal Cancer Reassessment after Neoadjuvant Therapy (M3-STCE2-2),** presented by Siming Chen

- **Cancer Detection Rates of Artificial Intelligence Augmented Prostate Fusion Biopsy: Two-Year Results of a Prospective Clinical Trial (M3-STCE2-3),** presented by Michaela Kop

- **AI as Reading Aid Versus Triaging in Breast Cancer Screening: A Prospective Multicenter Study (M3-STCE2-4),** presented by Serena Pacile, Ph.D.

Tuesday, Dec. 1, at 9 a.m. CT

- **Tozorakimab Reduces the Number of Lung Segments with CT-Based Mucus Plugs in Patients with COPD at High Risk of Exacerbations: Integrated Analysis of the Replicate Oberon and Titania Phase 3 Studies (T2-STCE1-1),** presented by Juan Domingo Gispert

- **Hemodynamic and Morphological Responses to Lumbar Puncture in Transverse Sinus Stenosis with Venous Pulsatile Tinnitus: A Prospective 4D Flow MRI Study (T2-STCE1-2),** presented by Yue X. Wang

- **AI-Guided Skeletal Trauma Management Without Routine Radiologist Reporting: Early Results from a Real-World Workflow (T2-STCE1-3),** presented by **Ramprabananth Sivanandan, M.B.B.S., Ph.D., M.D.**

- **Phase 1B Clinical Trial of MT218, an EDB-FN Targeted MRI Contrast Agent for Detection of High-Risk Prostate Cancer (T2-STCE1-4),** presented by Hui Mao, M.Sc., Ph.D.