
RSNA Press Release

RSNAI Monthly—April 2026

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The Radiological Society of North America (RSNA) leads the charge in [advancing artificial intelligence \(AI\)](#) as a tool to drive excellence in patient care and health care delivery. RSNAI Monthly is a collection of media briefs to help news outlets stay abreast of RSNA's latest AI initiatives.

RSNA Journals Put AI to the Test

In its April issue, RSNA's flagship journal *Radiology* examined deep learning models for [quantifying coronary plaque on CT angiography](#), mapping [Alzheimer's disease-related abnormalities on PET](#) and [predicting bone mineral density on pediatric chest X-rays](#).

Studies in RSNA's journal *Radiology: Imaging Cancer* evaluated [AI as a second reader](#) in community breast cancer screening, deep learning and radiomics models for lymph node metastasis in [early-stage cervical cancer](#), an AI-driven triage workflow for [prostate cancer on MRI](#) and ONCO-RADS-guided large language models to extract and classify [incidental findings on whole-body imaging reports](#).

RSNA's journal *Radiology: Artificial Intelligence* explored deep learning models that [estimated "radiologic age" in a Korean cohort](#) and [predicted how breast cancer will respond to pre-surgical therapy](#). A multicenter review assessed how the first commercial AI model for detecting intracranial occlusions on CT angiography [held up in a clinical setting](#).

With its suite of [six premier journals](#), RSNA covers the breadth of groundbreaking research, career-advancing education, and specialty-focused techniques and trends for medical imaging professionals.

750+ Professionals Earn RSNA AI Imaging Certificates

More than 750 medical imaging professionals have earned certification from RSNA's [Imaging AI Certificate Program](#), which offers on-demand training that blends a case-based curriculum with practical applications in four course tracks. Participants can earn a Foundational Certificate, Advanced Certificate, Emergency Certificate or Chest Certificate to improve knowledge and skills in medical imaging AI. The program is open to radiology professionals at any career stage, and RSNA offers both individual enrollment and resident group enrollment. Nearly 1,900 participants have enrolled since the program's inception in 2021.

MIDRC Seminar Open to Medical Community

The Medical Imaging and Data Resource Center (MIDRC), funded by the National Institute of Biomedical Imaging and hosted at the University of Chicago, is co-led by RSNA, the American College of Radiology, and the American Association of Physicists in Medicine. Held on the third Tuesday of the month, the Seminar Series is an opportunity for members of the medical community at large to hear directly from the MIDRC team. The next session, planned for Tuesday, May 12, will feature research presentations from MIDRC investigators on new and noteworthy advances, and will include a live Q&A session for all attendees. [Free registration](#) is required.

RSNA is an association of radiologists, radiation oncologists, medical physicists and related scientists promoting excellence in patient care and healthcare delivery through education, research and technological innovation. The Society is based in Oak Brook, Ill. ([RSNA.org](#))

Resources: