
RSNA Press Release

RSNA MIDRC Data Contribution Hits 30,000

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OAK BROOK, Ill. (June 6, 2022) – After less than two years of data collection and processing, the Radiological Society of North America (RSNA) has successfully delivered over 30,000 de-identified imaging exams to the Medical Imaging and Data Resource Center ([MIDRC](#)), an open-access platform which publishes data to be used for research.

The RSNA contribution includes COVID-19 patient chest X-ray and CT images solicited from sites around the world. Each image dataset contains patient demographics and is accompanied by relevant clinical data points including hospital and ICU admission and discharge, as well as breathing support provided.

"RSNA is delighted to collaborate on the development of MIDRC," said Curtis P. Langlotz, M.D., Ph.D., RSNA Board liaison for information technology and annual meeting and professor of radiology and biomedical informatics, director of the Center for Artificial Intelligence in Medicine and Imaging and associate chair for information systems in the Department of Radiology at Stanford University. "MIDRC is a massive, curated, diverse, multi-institutional imaging dataset that enables new insights about the diagnosis and prediction of COVID-19 infection, its complications and its outcomes. From the release of the first set of images to today, we are realizing the benefits of new algorithms and the resulting innovations in machine learning."

MIDRC is funded by the National Institute of Biomedical Imaging and Bioengineering, hosted by the University of Chicago, and jointly developed by RSNA, the American College of Radiology and the American Association of Physicists in Medicine.

MIDRC organizers recently announced that funding will be available for year three. Interested institutions are encouraged to review the necessary steps to participate in this initiative.

Members of the medical community can attend MIDRC virtual seminars scheduled on the third Tuesday of every month at 2:00 p.m. CT. The seminar series offers an opportunity to hear directly from the MIDRC team and features research presentations from MIDRC investigators on new and noteworthy advances. Sessions are held online and include live Q&A for all attendees. The next seminar will take place on June 21.

For more information, visit MIDRC.org.

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RSNA is an association of radiologists, radiation oncologists, medical physicists and related scientists

promoting excellence in patient care and health care delivery through education, research and technologic innovation. The Society is based in Oak Brook, Ill. (RSNA.org)