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vRad Begins 2018 with its 18th Patent

Newest Patent Integrates Machine Learning into Radiology Workflow
to Improve Diagnostic Evaluation

MINNEAPOLIS, Minn.—(January 10, 2018)—vRad (Virtual Radiologic), a MEDNAX, Inc. company and the nation’s leading teleradiology services and telemedicine company, announced today that the U.S. Patent and Trademark Office has issued the Company’s 18th patent. Patent No. 9,846,938, entitled “Medical Evaluation Machine Learning Workflows and Processes” further strengthens its position as a leader in radiology workflow technology and interpretation efficiency and quality.

This patent covers methods and systems for escalating radiology procedures using AI (Artificial Intelligence). If a specialized computer model determines the images of a radiology study in queue for interpretation contain features associated with certain high-risk medical conditions—such as an intracranial hemorrhage or pulmonary embolism—the study is expedited to the specialist best suited to interpret the study. As a result, the time it ordinarily takes for the patient and his or her doctor to receive the interpretation may significantly decrease, potentially leading to better patient outcomes.

“This latest patent highlights the value MEDNAX radiology, powered by the vRad platform, creates by providing better overall patient care,” said Shannon Werb, President and Chief Operating Officer of vRad. “We are focusing our artificial intelligence strategy on helping doctors do a better job by removing obstacles and elevating their reading experience where their technical efficiency and interpretive accuracy are maximized. Our goal is to improve overall interpretation accuracy, speed, and quality so that our network of radiologists can focus on what they do best—taking great care of patients.”

About vRad

vRad (Virtual Radiologic) is the leading national teleradiology services and telemedicine company with 500+ U.S. board-certified and eligible physicians, over 70% of whom are subspecialty trained. Its clinical expertise and evidence-based insight help clients make decisions about the health of their patients and their imaging services. vRad is a MEDNAX company, a national health solutions partner specializing in neonatal and other pediatric services, anesthesia, radiology, pediatric cardiology and other physician and management services. vRad interprets and processes patient imaging studies on the world's largest and most advanced picture archiving and communication system (PACS) for over 2,100 client hospitals, health systems and radiology groups in all 50 states. The company has 18 issued patents for innovation in telemedicine workflow and is a recognized leader in imaging analytics and deep learning-assisted diagnostics. vRad is also a past winner of Frost & Sullivan’s Visionary Innovation Award for Medical Imaging Analytics (North America). For more information, please visit www.vrad.com. Follow us on [Twitter](#), [Facebook](#) and [LinkedIn](#).

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