



vRAD STROKE PROTOCOL

Patent-pending workflows and 75+ subspecialty-trained neuroradiologists deliver rapid, high-quality reports for your stroke patients.

vRad is the trusted partner of stroke centers nationwide, reading over 73,000 stroke studies annually. Top vRad neuroradiologists deliver the same clinical quality at night as your referring physicians expect during the day. And vRad's Stroke Protocol and innovative critical findings solution ensure the highest prioritization and fastest turnaround time.

How it Works:

Stroke Case Identified – The case urgency is easily marked “Stroke” in vRad’s online Order Management System or through automatic association within the HL7 order.

Urgency Automatically Escalated – vRad’s patented workflows automatically process stroke cases with our fastest turnaround target of under 20 minutes.

- Cases are assigned immediately, and automatically to all credentialed radiologists online at the time of the study.
- Orders are escalated to the very top of the radiologists’ worklists with a requirement to be read next.

Critical Finding and Critical Test Calls Auto-Dialed – vRad is able to use Natural Language Processing to “listen” for critical finding statements in real-time during the radiologist dictation.

- If a critical finding is dictated, and you have registered your contact numbers with vRad, a call to the referring physician is automatically triggered – reducing critical finding relay times to as little as 2 minutes.
- Critical finding calls are made to any number you designate. Want calls to go right to the ED physician’s cell phone? No problem. A unique phone number can be designated on each order and calls can be configured to include both positive and negative findings.
- A critical findings summary is included in monthly Teleradiology Metrics Reporting – and other standard/custom vRad reports.

Radiology Report Distributed – vRad immediately sends the radiology report to the facility via the facility’s chosen delivery method. (Fax, email, EMR integration, etc.)

Stroke Protocol Fast Facts

- < 7 minutes = Average stroke protocol turnaround time
- 75+ subspecialty-trained neuroradiologists
- 73,000+ stroke studies performed annually and nearly 14,000 total CT cerebral perfusion studies read
- 10 minutes = Average critical finding and critical test relay time, including calls facilitated by the vRad Operations Center



Artificial Intelligence Research



vRad is conducting research on machine-learning powered workflow to get radiologists’ “eyes on images” more quickly for better patient care. One powerful example of how artificial intelligence could be used in the care of critical patients is for the identification of potential intracranial hemorrhage (ICH). vRad’s research uses a real-time, algorithm-based review of images to identify a potential ICH, which could be used to automatically escalate a study for priority interpretation by the radiologist, possibly reducing average reporting time by as much as 65%.

Learn more about vRad’s Stroke Protocol.

[Click to contact vRad today or call 800.737.0610.](#)

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Other Expedited Services from vRad

vRad has consistently maintained average emergent turnaround times (TAT) of under 30 minutes, even faster for studies such as Stroke and Trauma, utilizing our specialized protocols.

- Stroke: under 7 minutes
- Trauma: under 12 minutes
- Emergent: under 30 minutes
- Critical Finding Calls: 10 minutes

Our patented workflows and 24/7/365 U.S.-based Operations Center team members, who minimize operational and administrative distractions for our physicians, are key to our turnaround time performance.

vRad Snapshot

- Founded 2001 — a MEDNAX Company (NYSE: MD)
- 500+ U.S. board-certified and eligible radiologists, the majority subspecialty trained
- 2,100 hospital, health system and radiology group facilities served in all 50 states
- U.S.-based, 24/7 operations and technical support center
- 18 issued patents for innovation in telemedicine workflows and data normalization; additional patent pending on deep learning applications for computer assisted diagnostics
- Nationally recognized for innovation and clinical leadership, including ranked #3 on the InformationWeek Elite 100 list among U.S. healthcare & medical innovators
- Standard-setting Quality Assurance program emphasizing performance improvement since 2004 — delivers 99.7% accuracy

Recent Awards

Following is high-profile recognition vRad has received for its visionary innovation:



Meet Dr. Joshua Morais Clinical Chief of Neuroradiology



As Clinical Chief, Dr. Morais leads our team of over 75 neuroradiologists.

Medical Degree – George Washington University School of Medicine

Radiology Residency – University of Arizona

Fellowship – University of Arizona Medical Center

Board Certifications – American Board of Radiology

Find out how vRad's Stroke Protocol can increase the speed of your most urgent radiology reports.

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