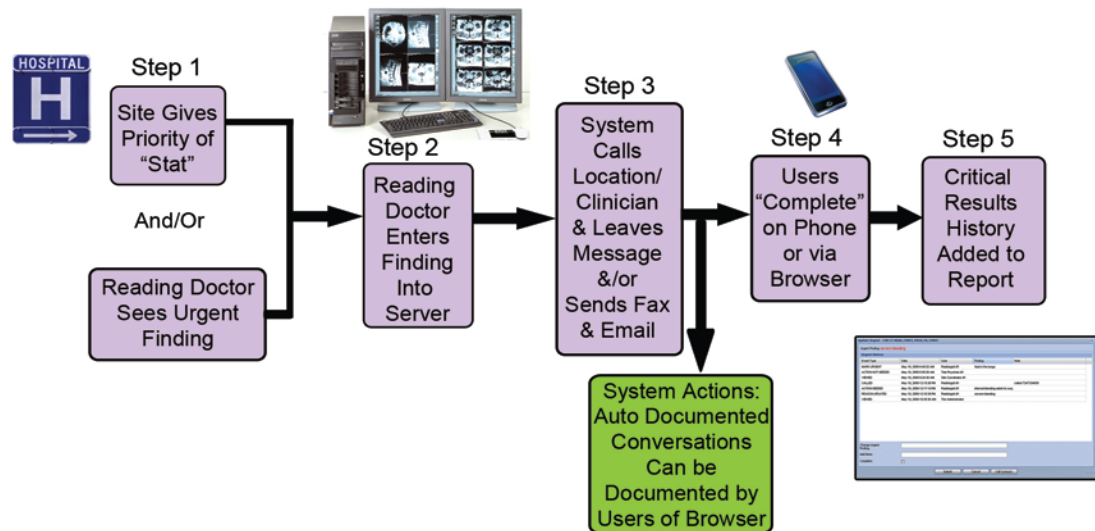




Critical Results Reporting

*Beyond
Roentgen
Imaging
Technologies*

BRIT System's Roentgen Works Critical Result Reporting (RWCRR) is a pure browser based solution that supports the flagging of urgent findings and critical test results by reporting clinicians and the immediate communication and on-going tracking of results to the ordering clinicians. The critical findings and history of the communications can be viewed and updated by all involved users on the browser interface. RWCRR also sends messages by email, fax, and proactively calls or texts the ordering clinician. The auto call feature converts the reporting clinician's text to an audio message that can be acknowledged on the fly by the recipient. All updates to the critical result are instantaneously available across the enterprise. A reporting clinician can easily use RWCRR to effectively communicate their findings in accordance to ACR guidelines and JCAHO initiatives.



RWCRR can be readily implemented within any workflow environment: it builds a patient worklist via either an HL-7 interface to a department's order entry system or via DICOM by regenerating order information from a study's DICOM header meta data. Reporting clinicians log in through any Internet browser and enter the critical result, which automatically triggers the "Actions Needed" message over the browser-based interface and over the phone. The recipients of a message are determined from the ordering physician and patient location in the order. Each have a log-on to the system where they can manage their own contact information and establish the rules for how to contact them based on the severity of the test or test results. All messages and actions by all clinicians are recorded in the critical results history log.

Why you'll love this system:

- Meets JCAHO National Patient Safety Goal Objective #2
- Seamless interface to existing workflow (PACS, RIS or EMR)
- Reporting clinician simply types their note in a browser and the system utilizes a multi-pronged approach to contact the ordering physician
- Ordering clinician is notified proactively via the web, fax, email and/or phone.
- Auto-calling of results happens directly and becomes part of the critical results history
- System can connect reporting physician to recipient by phone
- System supports read-backs
- All system actions logged and users can enter notes on conversations. Web interface can be accessed on a computer, laptop or smart phone
- Administrator panel for message monitoring and statistical analysis
- Critical history log for audit trails including messages, users and time stamps archived
- Once "Completed", history of communication sent as an addendum to the final report