Q/ris Reporting PLUS+

An Effective Radiology Reporting and Communication Solution

Effective communication of radiology findings is the key deliverable for radiologists and imaging centers. It is their responsibility to deliver accurate and timely reports to the ordering physicians to have a positive impact on outcomes and to ensure quality patient care. In order to keep up with changes in today's imaging environment, radiologists must incorporate a more complete, dynamic and fully integrated workflow process into their practice.

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The ability to deliver these reports will ultimately depend on the system having an effective workflow. It is necessary for the radiologist to utilize a reporting solution that is specifically designed and tailored for their imaging practice. A solution that will reliably facilitate the creation and distribution of reports, increase productivity, retain referring physician loyalty and improve patient care and safety. This paper discusses critical components of medQ's unique, integrated dictation and reporting workflow solution, and how this solution meets the challenges of today's radiologists.

The Q/ris Reporting PLUS+ is a state-of-the-art, intuitive and robust reporting system. It is designed to integrate seamlessly with the overall medQ Q/ris 3000 platform, or with non-medQ PACS, HIS, RIS, or EHR. This program creates an efficient workflow process, allowing radiologists to produce and distribute accurate reports in minutes not days!

Q/ris Reporting Plus+

The Q/ris Reporting PLUS+ solution is feature rich, modular and easy to deploy. The program is a comprehensive solution addressing the needs of an ambulatory, hospital or teleradiology based operation.

medQ's software is easy to learn and with the embedded Dragon® Voice Recognition often provides a 99.0 % accuracy rate with little training. Radiologists receive extensive onsite and/or remote training specifically designed to fit their needs. Radiologists are able to achieve immediate improvements in report accuracy resulting in decreased transcription costs, and foster report turnaround time, especially in reporting and tracking critical results.

Radiologists can experience real-time information with automatically consolidated studies and images from multiple sources into a single, easily managed worklist. This system provides a single "intelligent" worklist to view current patient information and prior history along with images and reports while they dictate.

Reporting preferences differ for radiologists. medQ offers a variety of dictation styles with customized reporting options to accommodate dictation preferences allowing the radiologist to switch styles on a study by study basis.

Multiple Scenarios

The Q/ris Reporting PLUS+ has multiple workflows in order accommodate all users, including; radiologists, residents, transcriptionists, technologists and practice administration. Using both VR and non VR based dictation, the radiologists are able to create reports using a workflow that is the most comfortable and productive for them. These workflows range from full VR, macro based to full transcription based workflow scenarios. These workflows are doctor specific, thus allowing each radiologist to operate in a manner they feel most comfortable. This program also allows the radiologist to shift back and forth between workflows on a case by case basis further increasing the reporting flexibility. Additional workflow modes that support resident's workflow, teleradiology and overread programs are also a part of the core program.

Using Dragon® Speech Recognition—embedded in medQ's dictation program—provides the most accurate report generation. With real time report review and editing from a single screen, voice recognition also has the effect of being able to eliminate transcription and thus providing a significant cost savings in addition to being a productivity gain.

A favorite time saving feature of medQ's Q/ris Reporting PLUS+ solution is the Stat Interrupt tool. Radiologists lose valuable time when their dictation is interrupted.

Q/ris 3000 Benefits:

- Fully integrated dictation work list to launch automatically PACS images from the radiologist's desktop
- Three options: traditional digital dictation, voice recognition routed to an editor and real-time voice recognition
- Extensive use of macros and structured reports to standardize and speed reporting
- Voice Recognition using Dragon® Voice Recognition
- Roaming profiles provide radiologist's the ability to move from station to station without needing to retrain or reset their voice profiles.
- One click addendum creation with auto-launching of images from patient history
- Remote web access to sign reports
- Full patient history through a single, integrated view at the physician's desktop
- User configurable time buffer provides the ability to re-review and modify reports without having to complete addendum
- Reports are auto-faxed, emailed (with encryption) or network printed in user defined formats

A Clinically focused workflow, Stat Interrupt, allows radiologists to be able to dictate, interrupt automatically saving current work to do stats or consults and then return back automatically to the work already in process. This solution not only speeds up the reporting process and improves productivity, but promptly delivers the radiologists findings to the referring physician.

Critical Test Results Module

The communication of critical and significant test results is a continually sighted problem in the healthcare environment today. The guidelines of the Joint Commission and the American College of Radiology (ACR) require radiologists to have a dependable process for identifying, communicating and tracking critical test results. With the integrated Reporting Plus+ CTRM module, radiologists will be able to provide real time problem identification and results communication to the ordering physician. This is supported with an effective closed loop delivery verification documentation and auditing process.
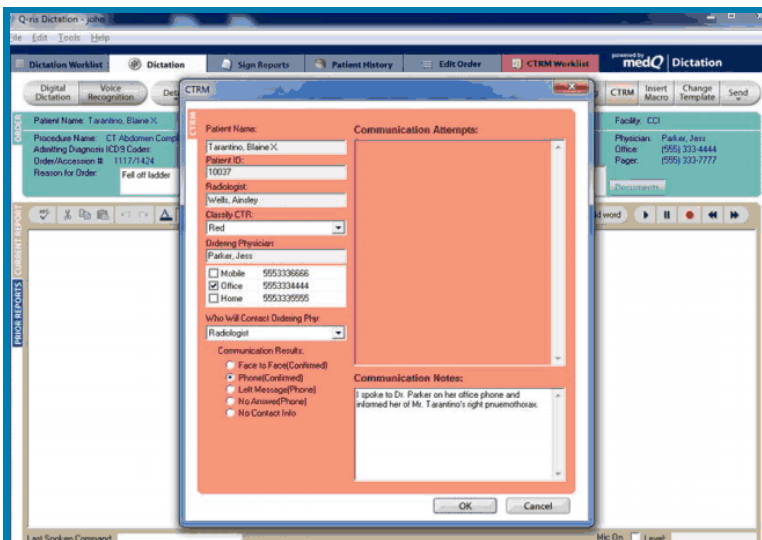
medQ's CTRM provides radiologists the ability to assess the severity of the diagnosis and quickly contact the ordering physician to notify them of the patient's condition.

A positive confirmation methodology will track the process from start to finish and log all attempts until notification is confirmed. medQ also provides the ability to place this final notification on the completed report to close the loop.

Users will have access to a CTRM Worklist that displays all CTR's that have not been communicated to the ordering physician so that administrative personnel and/or radiologists can follow-up to ensure positive communications. This confirmation is captured and saved to the patient's permanent record.

Reporting PLUS+ has a real time clinical business heuristic management reporting program with the ability to report on turnaround times from any step in the process beginning at patient arrival, through confirmed CTR communication.

Integration to multiple modules

The Q/ris Reporting PLUS+ is one part of the total Q/ris 3000 imaging workflow solution. The Q/ris total solution is very flexible and integrates seamlessly with other modules to provide an end to end integrated workflow.

In addition, as a standalone product, the Q/ris Reporting PLUS+ can be enhanced with the integration into the Q/ris 3000 Reading Services Module. This module allows the radiologist to bring in studies from multiple locations and integrate them into a single multi-facility worklist. The worklist has all the core dictation features and functionality, in addition to having a visible indication on the worklist of how long each study has been on the worklist. This is a visible means to increase meeting turnaround goals.

Whether set up as a part of an integrated facility workflow or as a standalone deployment, the Q/ris Reporting PLUS+ can be enhanced with the addition of the fully MU certified EHR module to support their ability to comply with the CMS requirements .

Integration with the Q/ris Reporting software allows reports to be auto faxed, emailed or sent via HL7. This is complimented with immediate access to reports via the Q/ris Referring Physicians portal to support web viewing of reports and CPOE and viewing of images.

Structured Reporting

Many modalities give the user the ability to enter measurements on the modality and create a DICOM Structured Report to record measurements and radiation dosage information. With the Q/ris SR, this data is captured directly from the modality and automatically imports data into a macro. When the radiologist opens a study to create a report these measurements are already prepopulated and displayed. This allows the radiologists to review the data and add their observations and findings to create the report without having to view other documents, or entering the data themselves. This also avoids the need for the radiologist to re-dictate data, reduces the possibility of data entry error and improves report creation turnaround.

Not all modalities, however, are capable of exporting these data. To improve the overall report creation workflow, the Q/ris Reporting PLUS+ program also has the capability for the technologist, using a tablet PC, to be able to enter the measurements into the radiologist macro directly. Once completed, this prepopulated macro moves to the radiologist's worklist. Thus, when the radiologist opens the study, it also pulls up the macro with the data pre-filled into the macro enabling the radiologist to begin dictating immediately and not have to worry about adding data into the report.

The workflow for radiologists is the same in both scenarios, and significantly improves productivity - while providing a data drive solution.

Universal Connectivity

The Q/ris Reporting PLUS+ can be fully integrated with any PACS to create a fully featured dictation and report distribution solution. This includes a full HL7 based integration option for use whether with the Q/ris 3000 or integrated into a third party PACS, PMS or EMR.

"At the end of the day, the ultimate deliverable for any imaging operation is the final report to the ordering physician"

Summary

Radiologists are looking for a powerful, intuitive, effective reporting solution that will help them reach their bottom line of effective communication between their practice and the referring physician. Also, one which will substantially improve report Turn-Around-Time (TAT) and improve the over all effectiveness of their report creation. medQ's state-of-the-art Q/ris Reporting PLUS+ solution offers a wide range of features and benefits allowing radiologists to achieve these goals.

medQ's robust solution enables radiologists to deliver high quality reports in a timely and cost effective manner!

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