

Ready to impress your inspectors and physics teams?

Professionalize Imaging Device QC with QC-Track[®]

- Meet the latest TJC, ACR, and state QC requirements.
- Standardize QC across your network with a centralized system.
- Save time with automated phantom analysis.

#1 Flexibly handle ACR, vendor, and custom phantoms

#2 Save time by automatically assigning images to appropriate device and test based on DICOM header fields

#3 Ensure consistent ROI size and placement with automated, objective analysis

#4 Know QC is done on time every time with detailed scheduling and reminder emails

#5 Control protocols and standardize workflows across all imaging units

QC-Track [Northern Health] [My Credentials] [Amber Smith] [Logout]

Tracking Reporting Workflow Settings Administration Help

QC Worksheet - Equipment QC

Device Name: MRI Room 3 Device ID/Tag ID: 201603302 Manufacturer: GE Model: Optima MR360 Location: Hopkins CT and MRI Center

QC Test: Equipment QC Worksheet ID: -- Test Frequency: Weekly Current Due Date: 10/22/2018

Phantom Analysis

Image Acquisition Date: 10/16/2018 9:12AM (Slice 1)

#	Slice Name	DICOM Image Assigned
1.	Localizer	10/16/2018 9:11AM (Slice 1)
2.	Slice 1	10/16/2018 9:12AM (Slice 1)
3.	Slice 5	10/16/2018 9:12AM (Slice 1)
4.	Slice 7	10/16/2018 9:12AM (Slice 1)

DICOM Information

Station Name: MR3
Acquisition Date: 10/16/2018
Protocol: WEEKLY QA/2
Study: MRI QUALITY CONTROL
Series: ACR AX T1

Weekly Equipment QC Worksheet

Due Date: 10/22/2018

Satisfy Scheduled Due Date: Recording Options: Normal test Test not needed/completed

Field Name	Value	Value Type	Thresholds	Advanced
Date of Test:	Date: 10/26/18 Time: 14:17	Date & Time		
Comments:		Text		
Setup & Table Position Accuracy	Accuracy OK?: -0.63 mm Console OK?: <input checked="" type="radio"/> Yes <input type="radio"/> No	Decimal (2) Yes/No	L=-5.00 mm, U=5.00 mm Failure=No	
Center Frequency (Hz)	Current: 63873215 Hz Previous: 63873169 Hz	Integer Integer		

Recalculate Record Results Cancel

Why QC-Track[®] and automated QC?

Recent physicist comments:

- QC-Track phantom analysis standardizes ongoing QC with consistent ROI placement and objective analysis for CT and MR, including ACR and vendor phantoms.
- Email reminders are sent if tests are not completed or if data falls outside of specified limits.
- Physics oversight is more efficient with reporting capabilities and electronic sign-off.
- Event tracking and document management for physics surveys, preventive maintenance, dosimetry reports, policy documents, and service calls keeps documents centralized and easily accessible.
- Centralized credential tracking with email reminders streamlines CEU/CME and exam tracking.

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Efficiency

Automated phantom analysis

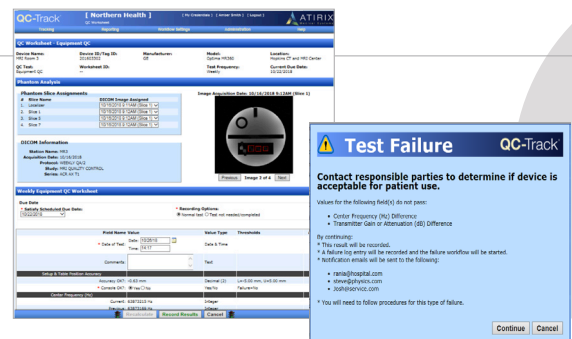
- Phantom templates with ROIs and built-in functions
- DICOM tag analysis to pre-process images
- Automatically insert phantom and DICOM data into QC-Track worksheets

Features

- Accurate: manual data entry is substantially reduced
- Fast: phantom processing in seconds
- Consistent: same analysis and scoring used for all imaging units
- Powerful: multi-slice operations
- Flexible: built-in editors makes it easy to make phantom-specific and site-specific changes

Standardization

Ensure consistent completion of quality control. QC-Track has the power to standardize workflows across locations and the flexibility to accommodate all your modality, manufacturer/model differences.



QC-Track: Complete Paperless QC Solution

With QC-Track, CT and MRI teams now have a system to help meet the latest tracking, reporting, and trending requirements.

Communication

Emails keep the whole team aware of failed or overdue tests and warn if tests are approaching overdue status. Credential emails alert clinical staff to deficiencies of CEUs/CMEs or Exam levels. Event and Document tracking centralize scheduling and emailing for physicist surveys, preventive maintenance, and service.

Accountability

QC Dashboards clarify expectations, highlight issues, and encourage proper QC workflows, including full circle failure follow-up

Reporting

Convenient report templates for physicist review, radiologist sign-off, or inspection purposes.



Upgrade to an Enterprise QCIS[™]

Start with QC-Track for CT and MR, and then enhance your investment and be Always Inspection Ready[™] across modalities, including modules for Mammo/FDA EQUIP and Ultrasound HLD/Exam traceability.

Interested? Contact us to learn more about Atirix QC solutions.
877-273-1764 | atirix.com | QC-Answers@Atirix.com

Atirix products are covered by issued and pending patents, including US 8,478,610 "Medical Imaging Device Quality Control System and Method" and US 8,428,969 "System and Method for Tracking Imaging Quality"
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