

Rhythm[®] Quality Control Module

Enhancing Rhythm Review Capabilities

A Key to Maintaining Consistent Data

In some cases, acquired data requires some quality assurance post-processing before it can be permanently stored for general use in an archive. This task is generally performed at workstations located between acquisition devices and the digital imaging network.

Rhythm, with the Quality Control module, can fulfill a “gatekeeper” function by verifying that acquired images and studies are correct and have the right component (or header) information associated with them before they are made available at other locations on the network or stored permanently. When a study contains incorrect DICONDE header information, the Quality Control module allows you to fix the errors manually. Some examples when post-processing is needed are:

- Component or technique data was entered inaccurately (or not at all) during acquisition
- Images were not acquired in the right order
- Separate studies were acquired in one big study
- DICONDE information is incorrect or partially missing
- Window level settings during acquisition were not optimal



Consistent Information

The Rhythm Quality Control module provides the capability to enter or to modify almost any study or component information prior to permanent archiving. This helps the user verify that component information is consistent before sharing or archiving the study. In addition to component information, all DICONDE information, image order, series, window level settings and annotation can be modified.

Splitting and Joining of Series

The Rhythm Quality Control module has the useful option of splitting images into separate series or studies.

Study Status History

Determining when components were inspected, by whom, and with what outcome (i.e., how the part was interpreted) is an important capability for managing in-service assets or reviewing manufacturing and quality processes. The Rhythm Quality Control module allows users to access this Study Status history.

Features

Data Selector Features

- Automatic send function after saving (configurable)
- Automatic saving of window/level settings (configurable)
- Automatic renumbering of images after reordering the images in a study (configurable)
- Open a copy of an original study
- Open a study for quality control
- View Study Status history
- Splitting and joining of series

Viewing Section Features

- Delete series from study
- Delete images from series
- Change image orientation
- Configurable Pictorial Index
- Insert series in study
- Insert images in series
- Add or change component information
- Windowing, annotating, flipping and rotating

Requirements

The Rhythm Quality Control module can be added as an option to the Rhythm Workstation.

Language Support

Rhythm Quality Control module is available in the following languages:

- English
- French
- German
- Italian
- Spanish
- Chinese (Simplified)
- Japanese

Warranty Information

The published company warranty in effect on the date of order shall apply. Software will be provided and warranted under the terms of a Software License Agreement. GE Inspection Technologies reserves the right to make changes to the applicable warranty.



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