QUART MammoPRO

Automatic Image Scoring Software for Mammography QA/QC

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Mammography Image Scoring Software

This unique QA/QC software automatically evaluates and displays all parameters that were acquired using the *QUART mam/digi EPQC* test phantom. Only one image is required to conduct a complete QA assessment or routine QA test.

The *MammoPRO* software automatically calculates image related parameters to assure a constant image quality of the imaging system or to assess the imaging performance of a digital mammography system.

Despite its technical character, the software is easy to use. It provides a walk-through function which assists users in carrying out the QC procedure.

The *QUART MammoPRO* stores the result of each single test in its internal data bank. In addition, a Protocol print-out function is provided for matters of documentation (obligatory hardcopy) or general reference.

Test Parameters

_ Nyquist Frequency (NF)

_ Contrast-to-Noise Ratio (CNR)

_ Modulation Transfer Function (MTF) at 10% & 50% modulation

_ Additional QA/QC related tests such as Homogeneity / Image Uniformity, Artefacts / Image Flaws, Geometry test, etc. to be conducted in an external DICOM viewer

General Features

_ One-click fully automated image evaluation

_ Data export of all parameters to Microsoft Excel templates enabled

_ Quick and easy server registration for end-users available 24/7

_ Developed for ease-of-use

QUART
Quality Assurance in Radiological Technologies