



Web-based Quality Assurance for X-ray Medical Displays

QAXRAY

Acceptance test of diagnostic displays in accordance with IEC 62563-1

Test protocol No.: 0949
0950

Operator: Vienna ECR Hospital
Street of ESR 2011
A-1000 Vienna

by (order of) company:
diraal GmbH
Christinenstr. 38
10119 Berlin

primary class

Image generation system
Workstation ID: WS1
Department: Radiology
Manufacturer: unknown
Room No.: R. 0.018a

Reason for test: Commissioning of displays

Evaluation remarks: The System is in accordance with legal requirements at the time of the acceptance test.

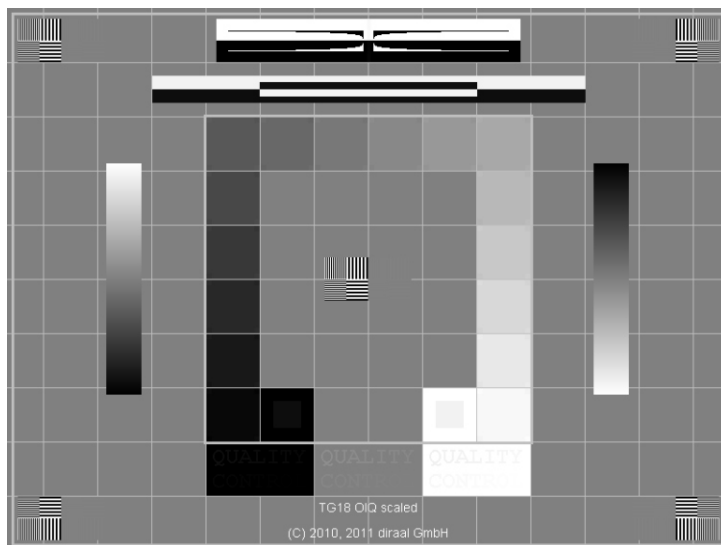
Acceptance test passed?
Left Display: yes
Right Display: yes
Date of test: 22. Feb. 2011
Tester: D. Emmel

Visual evaluation of clinical reference images

Left Display	Right Display
Used reference image: Thorax AP	Thorax AP
Patient ID: 4002568	4002568
Manufacturer: -	-
Model name of display: 300MED	300MED
Serial number of display: 300-XX-800550021	300-XX-800550021
Image quality is accepted by the user? yes	yes
Date of assessment: 22. Feb. 2011	

Signature of assessor: (physician) _____
Dr. X. Ray

Remarks:



Quality assurance is essential

Medical quality assurance exists to ensure that health care professionals work to certain minimum standards, and that patients receive best possible treatment. To that end, several international accepted QA standards exist as well as a variety of regional variations.

Inadequate quality assurance leaves medical practitioners open to possible professional disciplinary procedures, as well as legal action.

A complete system

QAXRAY[™] Medical Displays is the solution for enterprise-wide documentation of quality assurance of medical displays. All test parameters - as laid down by a variety of international medical authorities - can be queried, documented, stored and printed out at a touch of a button.

QAXRAY[™] assures up-to-date compliance to all common standards and regulations such as AAPM TG18, IEC 62563-1 and German QS-RL.

Speed up and simplify your workflow

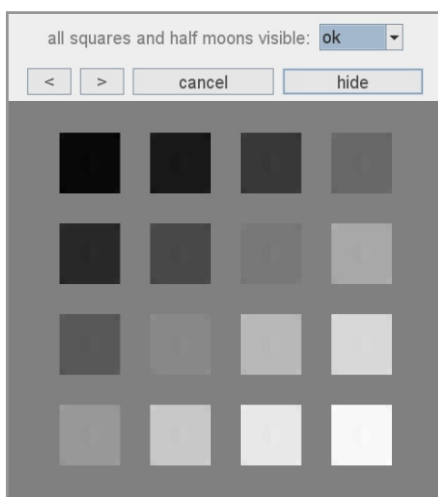
QAXRAY[™] appliance integrates seamlessly into your local network environment. The operating system independent and web-based documentation management system offers:

- unified QA workflow with efficient documentation of all medical displays realising cost and time savings
- easy performance of acceptance and constancy tests as well as regular visual tests, e.g. daily tests
- multi language support
- test images with data entry wizard
- simple organisation of all your reports and data: document and file those items which really belong together
- generate ready to print PDF[™] reports
- always up-to-date QA documentation

diraal

www.diraal.com

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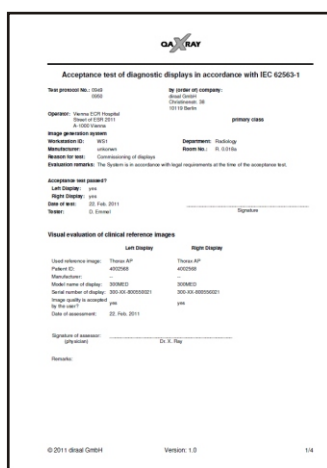
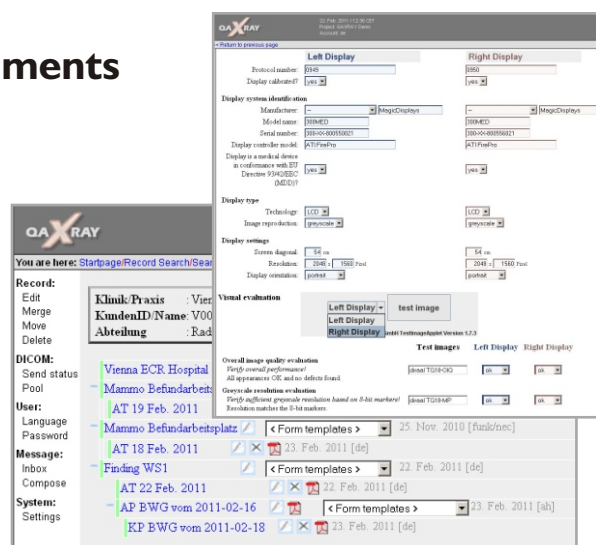


test images with data entry wizard

- data entry wizard integrated in data entry form
- no installation required at client workstation
- collect measured data directly while viewing the test image
- simple and intuitive interface allows you to enter measured values immediately into the test image without mouse usage. Use your other hand for handling measurement equipment
- after completion of test image sequence the wizard automatically completes data entry form with the collected data
- different test image sequences for individual test scenarios

organize your environment and documents

- hierarchical arrangement of your department and the equipment reflects the organizational structure
- see the quality assurance history of your equipment with simple clicks in the hierarchical view
- security level based access regulation enables staff to work only on data records they are responsible for
- easy storage of external documents by straightforward linking of any file to any individual form
- web-based technology gives authorized personnell remote or off-site access to QAXRAY™



ready to print PDF™ reports

- QAXRAY™ generates a PDF™ report for each completed test form
- to avoid any data manipulation each test report is electronically signed after changing any value of a form
- print the report from any browser using a PDF™ reader
- enter once, use many times: a PDF™ report inherits values from upper layers from the hierarchical tree to avoid multiple data entries
- collect multiple PDF™ reports for easy export of QA data to your management responsible authority
- PDF™ format and layout in accordance with regulation authorities

Let QAXRAY™ shoulder the responsibility of complying with medical QA assurance, whilst saving you administration costs and freeing up important medical resources.