

MIR 2006

CD-Rom for Image Exchange

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The Quality Assurance Initiative of the
German Roentgen Society (DRG)

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Status

- Imaging more and more digital
- Film based communication declines
- CD as substitute (if Teleradiology is not available)
- Definition for CDs in DICOM (Part 10) and IHE-PDI
- Digital available studies could be integrated in PACS-workflow

Status II

- DICOM-CDs very often in use
- Usability restricted by organisational and technical problems
 - E.g. machine readability
 - Workflow integration (physician time for data handling)
 - Different contents
 - Limited quality of viewers
 - Not readable in 5 – 10%

Consequences

- German Roentgen Association started an initiative in 2005
- Together with OFFIS
- Goals
 - Specifications for Products
 - Recommendations
 - Certificate

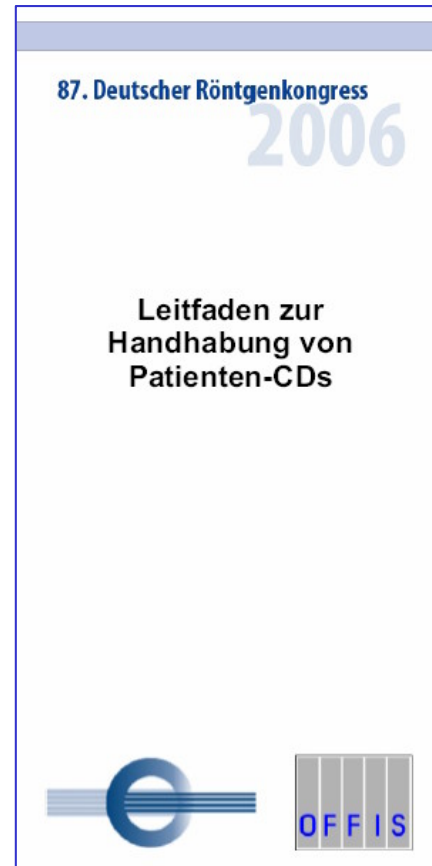
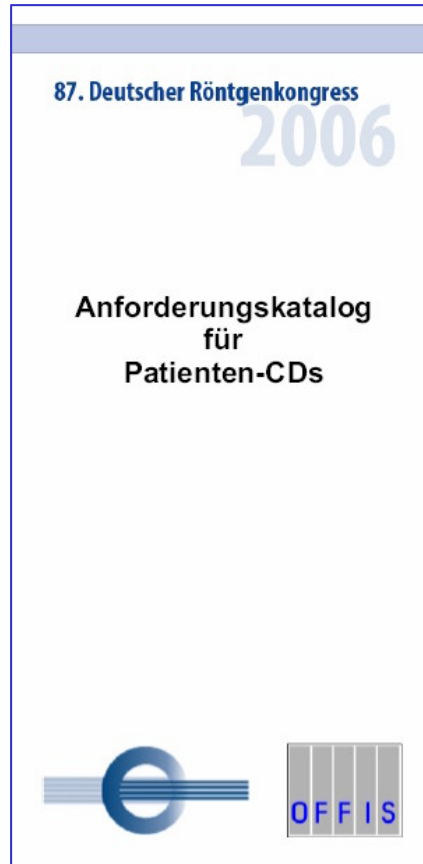
Why a „new initiative“?

- Standards free available
- BUT often not correct and complete implemented
- Many –often small- companies
- IHE-PDI at the moment only in some solutions
- Testing of real products

Results

- Specification of DICOM-CDs for „real use“, based on DICOM Part 10 and IHE-PDI
- National extensions, e.g. Cardio-profile
- Recommendations for users, including IHE
- Development of testing tools
- Setup of procedures with technical and practical testing
- Process with public comment phases
- Presentation to other institutions (SDOs, Societies, vendor organisations...)

Summary



- Specifications for Products available
- Recommendations for users available
- Test tools and rules implementes
- More information
 - www.dicom-cd.de