

InViVo-RAD

Radiological Review Station for CT, MRI and other Tomographic Datasets via DICOM-3 Interface

InViVo-RAD

With InViVo-RAD users can visualize and evaluate CT and MRI-scans over the standardized DICOM-3 Interface. Any modality supporting DICOM-3 interface can be connected directly via network or disc.

InViVo-RAD offers 3D volume rendering visualizations for striking realism and unmatched performance

on standard PC platform under Windows NT/2000.

In addition to our advanced InViVo rendering engine the system supports colored Phong-Shading, measurements in 2D or 3D, segmentation tools, intuitive generation and export of images (TIFF) and videos (AVI) to be included in your PPT presentations.



Rendered human skull



Dynamic Cardio CT image

Application Areas

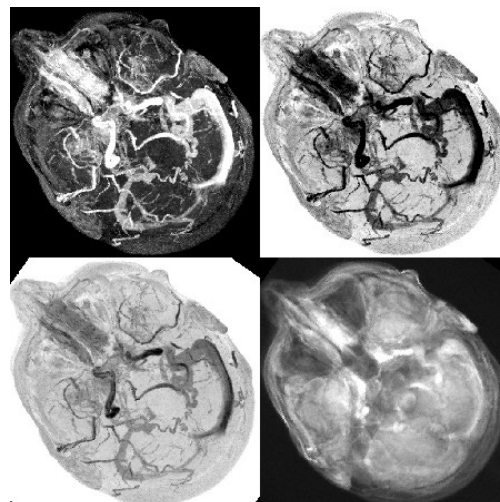
- CT
- MR
- Nuclear medicine, PET, SPECT
- Angiography

Main Features

- DICOM-3 file interface & network
- Patient database
- 16 Bit datasets
- Window & level
- Image processing
- Segmentation tools
- Alternator, slice selection, loops
- Measurements in 2D and 3D
- 3D volume rendering
- Precise 3D-volumetry Arbitrary slicing, oblique cuts
- Virtual endoscopy & fly-trough in real time
- Dynamic datasets (3D cardiac datasets over time)
- Various visualisation modes: MIP, surface, X-ray, semi-transparent etc.
- Export of images (TIFF) and videos (AVI)
- Full scale telemedical features over the TeleConsult module



Virtual Bronchoscopy image



Four different settings of a head

Hardware Requirements

- CPU: Pentium PII 266 or higher, single or double processor
- 128 MB RAM minimum
- Windows NT or 2000
- 640 MB magneto-optical disc for external archiving (optional)
- Complete HW package available upon request



More than 3D-Images.

MedCom Gesellschaft für
medizinische Bildverarbeitung mbH
Rundeturmstraße 12
D-64283 Darmstadt
Germany

Phone: +49 (0) 6151 - 95147-0
Fax: +49 (0) 6151 - 95147-20
E-mail: info@medcom-online.de
Website: www.medcom-online.de