

mex+



medical **ECONET**
GERMANY

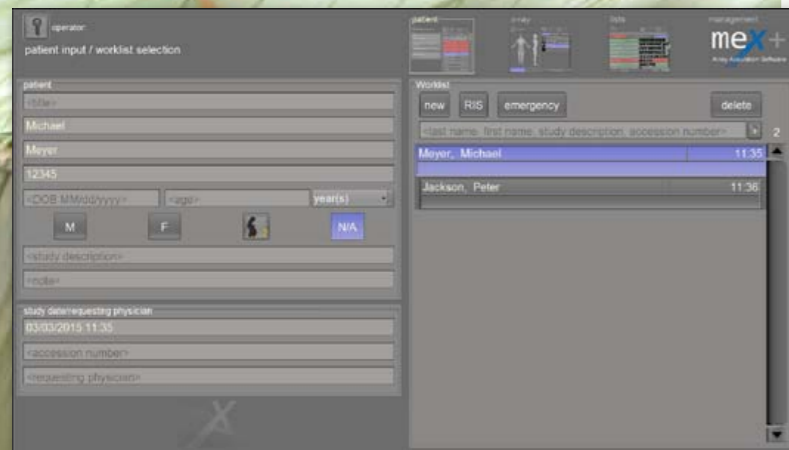
Better - Easier - Faster



mex+ Acquisition Software

for human medicine

Patient Management



- Capture of patient data via DICOM Worklist, BDT/ GDT, HL7 or other protocols – data may also be captured manually

- Safe and fast registration of emergency patients

- Searching for patients or studies

Planning



- Freely configurable body parts with more than 400 projections and numerous possible adjustments

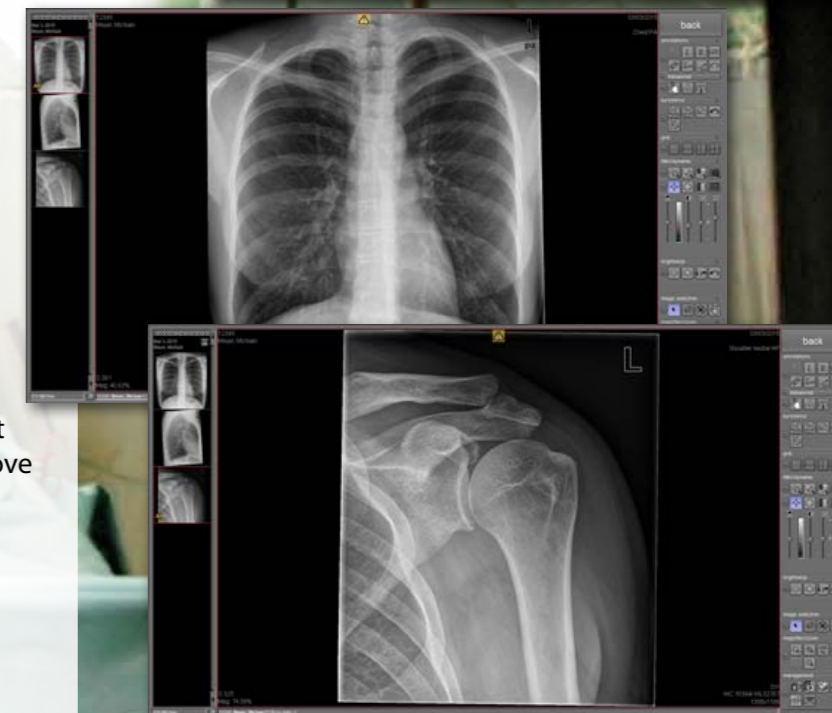
- Allows the user to switch between examinations of a patient, for instance to avoid the frequent position change of the patient

- Entry of recurring examination procedures as macros

- Fully integrated radiographic positioning guide for each examination incl. comprehensive notes, photos, videos and correct sample X-ray images



Diagnosis



- Completely integrated dicomPACS Viewer for image diagnosis

- Stepless zoom, (measuring) lens, rotate, mirror etc.

- Measuring of distances, angles, areas and density

- Adjustment of window/level options and gamma correction, sharpening filters, noise suppression

- Many additional functions such as calculation of Cobb's angle, HD measurements, pelvic obliquity measurements, integrated capturing of diagnostic reports etc.

- Special filters for the optimization of bones and soft tissue in one image – this enables the user to improve his diagnosis significantly

- Details of bones and microstructures are very easy to recognise

- Connectable to an image management system (PACS)

- Export of images to JPEG, TIFF, BMP and DICOM formats

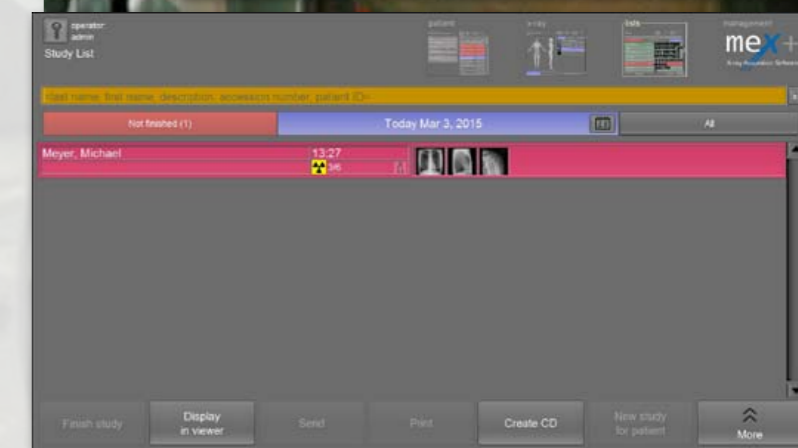
- Printing of images both on Windows printers and laser imagers via DICOM Basic Print

- Creation of DICOM patient CDs with integrated viewer

- Integrated e-mail function

- Archive of all studies and comfortable search function

Study Management



meX+ the X-ray allrounder

meX+ is a professional acquisition software for X-ray images. A simple and user friendly GUI (graphical user interface) operated by touchscreen or mouse completes the system. It has been specially developed to enable organ specific optimization, guaranteeing the highest quality X-ray images. In addition meX+ allows integration with existing patient management systems. meX+ forms the core of a direct digital X-ray device, whether it is a retrofit system to upgrade existing X-ray units, a complete new device or a portable suitcase solution for mobile X-ray generators.

Modules

meX+ DICOM Worklist

Query of a DICOM worklist provided by a patient management system, HIS or RIS

meX+ DICOM Basic Print

Image export to one or more DICOM basic print enabled printers, e.g. laser imagers

meX+ Backup Modul

Enables data backup on a variety of media e.g. CD or DVD, incl. a restoration software

meX+ Image Sticking

Manual merging of images, e.g. for displaying full spine and full leg exams

meX+ MobileView

Comfortable displaying of images on different mobile devices like tablet pcs, netbooks or desktop pcs

meX+ Remote Control

Remote control of the software employing iOS or Android on smartphones and tablets. Fast check of images saves time and optimized the workflow



- Simple and perfect images at all time
- Integrated automatic image optimization
- Touchscreen function for easy operating
- Fully integrated radiographic positioning guide
- Bones and soft tissue in one image
- Including Patient CD and DICOM Send function
- Adaption of almost every language possible
- Modern graphical user interface
- Safe and fast registration of emergency patients
- Entry of recurring examination procedures as macros

Available Languages:

German, English, French, Spanish, Italian, Latvian, Lithuanian, Estonian, Bosnian, Japanese, Portuguese, Czech, Polish