

# meX+



medical **ECONET**  
GERMANY

*Better - Easier - Faster*

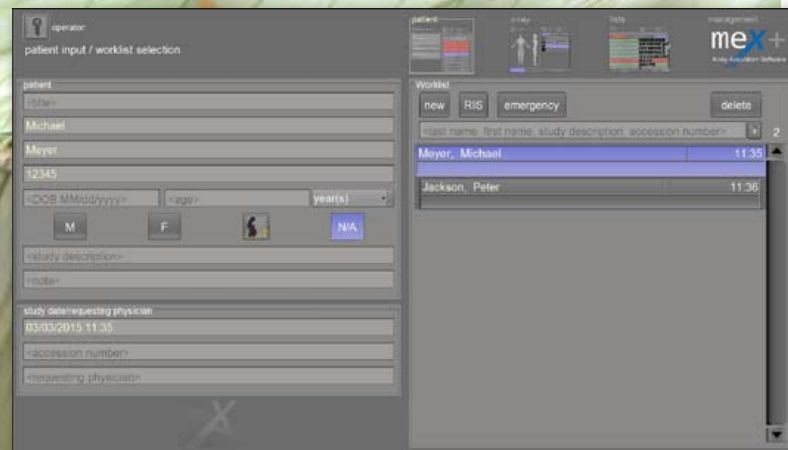


## meX+ Acquisition Software

for human medicine

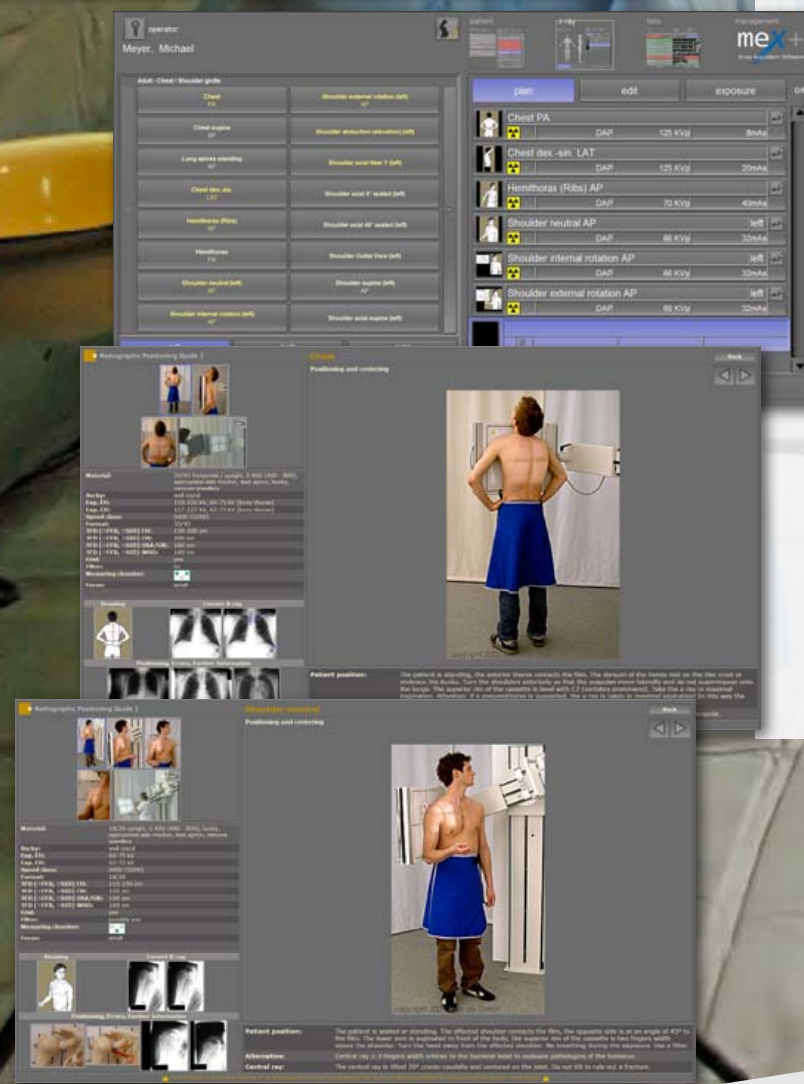


## Patient Management



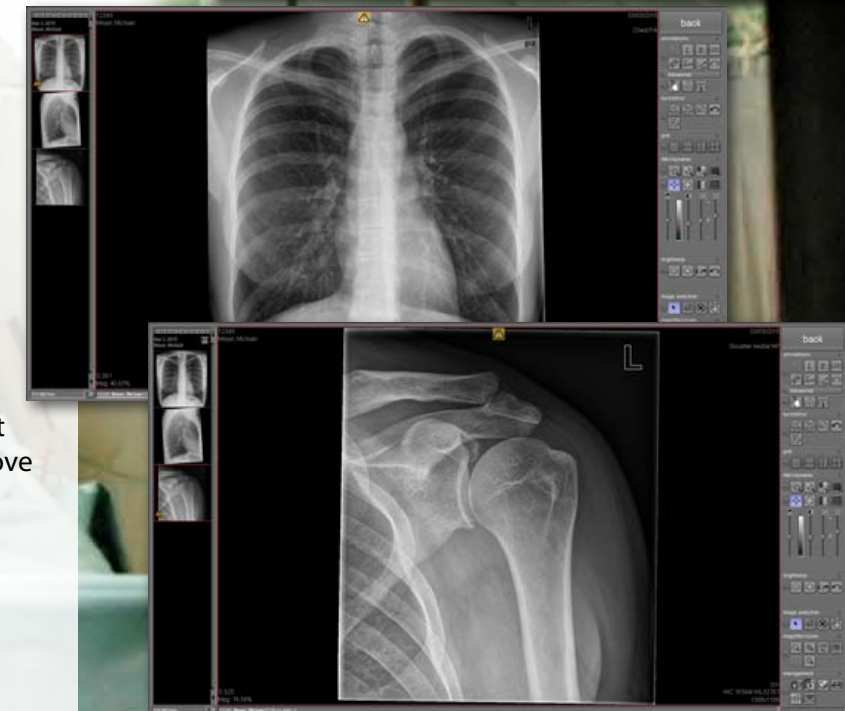
- Capture of patient data via DICOM Worklist, BDT/ GDT, HL7 or other protocols – data may also be captured manually
- Safe and fast registration of emergency patients
- Searching for patients or studies

## Planning



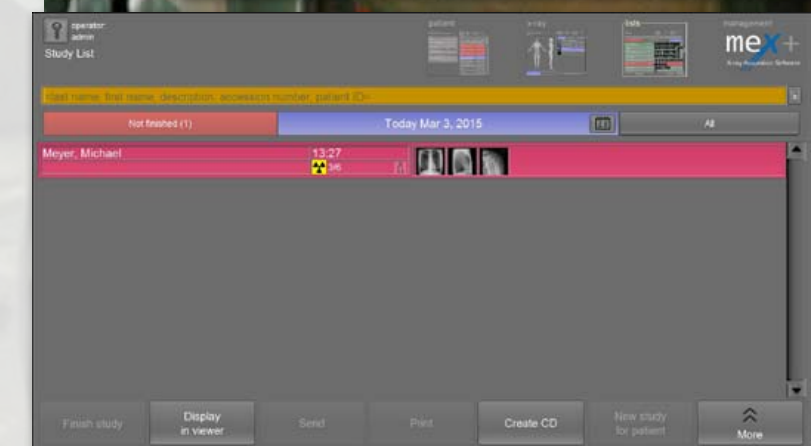
- Freely configurable body parts with more than 400 projections and numerous possible adjustments
- Allows the user to switch between examinations of a patient, for instance to avoid the frequent position change of the patient
- Entry of recurring examination procedures as macros
- Fully integrated radiographic 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

## Study Management



- 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

**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