MED DIAG
Diagnostic Console for Radiology

Product description:

Features

✓ **Multimodality** on a single solution :

■ CR & DR

■ Display of static or dynamic images: ultrasound, angiography, fluoroscopy

■ Mutli-slice images: MRI, CT Scan. MIP, MPR and Rendering volume have been implemented for multislice images. This allows radiologists to rework the volume of images in the office or remotely after their scan or MRI vacation. Radiology - MRI - Ultrasound, can be viewed on a single station

✓ **Manufacturer independent**, display exams regardless of the brand of the modality. The ability to automatically adapt the images to different manufacturers optimizes the reading of exams.

✓ **Viewing current and prior exams** makes it easier to direct compare exams

✓ **Numerous measurement tools and wide range of tools dedicated by displayed modality are available** such as pan, zoom, video inversion, high-performance image processing

✓ **Indexing pathological images to facilitate the safeguarding and export of images of interest** : these images are made available for illustration use or for case studies

✓ **SR report module** offers management of templates displayed automatically according to the exams performed and the user

✓ **Customized printing** by advanced configuration

How does the Med Diag optimize the Workflow?

Compliant to DICOM & HL7 standards, and thanks to dedicated tools available for the different viewed modalities, Med Diag has been developed to easily communicate with the acquisition workstations, to PACS and other printers defined by specific configuration.

Digital Radiology Display & Stitching Module

Med Diag does more than just display Bone/Lung images. This workstation can also **display any other modality (optional for mammography or 3D images).**

Functionalities allow to display tools dedicated to the selected modality.

Access to simple and complex measures is facilitated

✓ Hip dysplasia

✓ Meary

✓ Cardio Thoracic Index

✓ Hip/ Column deviation

✓ Occipital Axis

✓ Hallus valgus

✓ Coxometry

✓ TA-GT (Patellar translation)

✓ Angles

✓ Gonometry

Image treatments can be applied. These processes can be configured according to the type of exams and user preferences.

Access to a **wide range of predefined or customizable** print templates guide and enable the printing of exams and reports.

The stitching module allows the reconstruction of images of the lower limbs or the spine and the realization of Cobb angles or Gonometry measurements. The measurements can be saved and printed.

Archiving system :

Medecom offers a secure archiving system: Med Archive with a capacity adapted to the needs.

The installation of Med Diag and Med Archive facilitates pre-fetching and auto-fetching for the comparison of exams.

Recommended hardware configuration :

✓ Operation System: Professional Windows 10 (64 bits)

✓ Disk space requirements: 1 Go for the software

✓ Technical features:

■ 8 Go de RAM

■ 512 MB MIN graphics card compatible to OpenGL 3.2

Reference: -