

γPAXERA

Acquisition and Viewing
Station for NM Modalities



γPaxera is a powerful and scalable viewing station for Nuclear Medicine 'NM' machines. γPaxera supports both DICOM and non-DICOM NM machines which makes all the recent DICOM standards features readily available regardless of the machine type. With wireless controller, visual film designing and super printing quality; γPaxera is the perfect solution for any NM department.

 **PAXERAMED**
NEW ERA IN PACS



Multi-format Support

- ✓ Supports most of the image formats (Bitmap, GIF, TIFF, JPEG lossy, JPEG lossless, JPEG 2000, Wavelet, DICOM and more).
- ✓ Supports video capture from machines with any of the following interfaces:
 - Standard video output [PAL/NTSC].
 - Non-standard video output [RGB] 3 or 5 leads. ○ Digital output.
 - Raw-data output. ○ DICOM output.

Image Manipulation and Visualization

- ✓ Powerful hanging protocol editor to visually customize the views and monitors according to the personal need and the current workstation setup.
- ✓ Image zoom and pan. ✓ Image stitch.
- ✓ Window width and window level adjustment with predefined presets.

Cine Processing and Annotation Tools

- ✓ Various tools such as invert, rotate, resize, crop, and many filters (sharpen, smooth, etc).
- ✓ Different measurement tools: distance, rectangular area, ellipsoid, Cobb angle, etc.
- ✓ Region of Interest (ROI) processing and highlighting.
- ✓ Many types of annotation tools (arrows, lines, shapes, etc.) and body marks (body parts and directions).
- ✓ Image insets and scan-lines display.

Added Features

- ✓ Voice note recording during image viewing.
- ✓ Reporting tool with automatic report generation.

Archiving and Transfer Studies

- ✓ Archive multiple patients at the same time.
- ✓ Archive images, cines, reports and voice notes to optical media, USB flash-drives or local directories with a built-in DICOM viewer (PaxeraViewer).
- ✓ Studies can be transferred to any DICOM-enabled machine (e.g. DICOM server for storage, CD/DVD burners for CD/DVD publishing, etc...).

Cine Tool

- ✓ Multiple cine loop display with playback controls.
- ✓ Various cine processing and manipulation tools (zoom, pan, filters, etc.).
- ✓ Cine export to DICOM, AVI or MPEG formats.
- ✓ Snap-shot capturing from cines.

Filming & Printing

- ✓ Easily customizable and flexible visual film designer with drag and drop feature for adding images to the film.
- ✓ Film settings include: imaging layout (columns X rows), printer selection, film size and type and page orientation.
- ✓ Print directly to both DICOM printers and Windows printers.
- ✓ Print preview can be displayed.
- ✓ Multiple films editing at the same time.

Supports All industry-standard DICOM services

