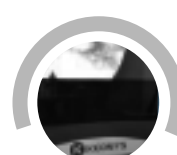




Visualize & diagnose



Share & communicate



Save & send

IMAGYS Workstation

Within the Imagys-Cloud Services for Medical Imaging solutions, the Imagys Workstation represents both an ergonomic multimodalities diagnostic workstation and a simple access terminal to these share and diffusion web services.

Visualize & diagnose



Connected diagnostic workstation

Fuse, visualize and compare your 3D hybrid imaging exams in a simple way with an intuitive and efficient tool.

Simplify your 3D fused images process : in one click, you can compare your imaging data in order to ease the clinical followup of your patients.

Make homogeneous your exams visualization, whatever in nuclear medicine (PET, SPECT, PET/CT, SPECT/CT, PET/MR) or in radiology (CT, CR, MG, MR, US, CT/CT, MR/MR) thanks to the 3D-Fusion Keosys viewer versatility.

Get an easy access to the services of the *IMAGYS - Cloud services for Medical Imaging* de Keosys.



Characteristics

Volumic exams

- MPR and 3D MIP reconstruction, triangulation on the three projections and the MIP, continued scrolling by the triangulation axis, Display in comparative mode. Linking the series, display of reference lines for CT and MR,
- Slices thickness can be configured continuously
- Setup of windowing adapted according to modality [MR/CT/PET/SPECT/NM] with coloured LUT specific to nuclear medicine, presets for CT
- Display of SUVbw, SUVbsa, SUVbm and glycemia correction.
- SUV 2D and 3D, 2D and 3D Hounsfield values

Fused hybrid exams

- Display of PET/CT, SPECT/CT or PET/MR whatever the modality manufacturer,
- Display of modalities, independently from each other or in fusion mode,
- Adjustment tools [a colour map choice for the functional modality, a colour bar to adjust the boundaries of the functional modality and an adjustment button for the blending between the two modalities]

Planar exams

- Use of layouts, which can be customized for each page
- Zoom, drag & drop, vertical and horizontal axial symmetry, reverse mode
- LUT controls for the image corrections [grey and colour scales]. Including colour maps specific to nuclear medicine and gamma adjustment.

Measures on planar and volumic exams

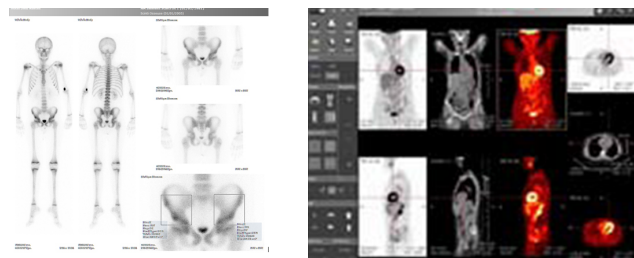
- Measures on planar exams : distances, open and closed angles, segments, surfaces, ROI/POI with statistical calculation (mean, min., max., total) including SUV for PET, display of the punctual intensity with cursor. Predefined labels. Measurement tools specific to orthopaedics.
- Measures on 3D exams : simple volumes : parallelepiped, sphere.
- Automatic 3D contouring by thresholding or region growing, ratio with reference zone, manual correction of segmentation, volumes naming

Pages setup and printing

- Management of standard printers, PostScript or Dicom printers, on B&W or colour paper and on 8x10' to 14x17' films in standard or high definition resolution,
- Filming module [WYSIWYG setup], Secondary Captures [DICOM SC] and JPEG export

Connectivity / interoperability

- DICOM Pacs systems and modalities : integrated Store SCP server, Query/Retrieve client with multi-criteria search.
- CD/DVD : read-burn CD/DVD. Burning of DICOM exams without viewer or with the Keosys 3D-Fusion viewer in option.



Technical characteristics

Central unit:

Processor :	Intel i5-680
Memory :	4 Go 1333MHz DDR3 ECC
HDD :	300 Go SATA II 10k

Diagnostic display:

Diagonal display :	30"
Resolution :	4MP : 2560x1600@60Hz
Contrast :	1000 : 1
Luminosity :	350 cd/m ²
Dimensions [H x W x D] :	18.4in x 27.1in x 11.9in

Dimensions [H x W x D] :

Diagonal display :	19"
Resolution :	1280x1024@60Hz
Dimensions [H x W x D] :	55,9cm x 39,2cm x 24,73cm



Certifications



EEC : medical device class IIa



USA : FDA 510k clearance