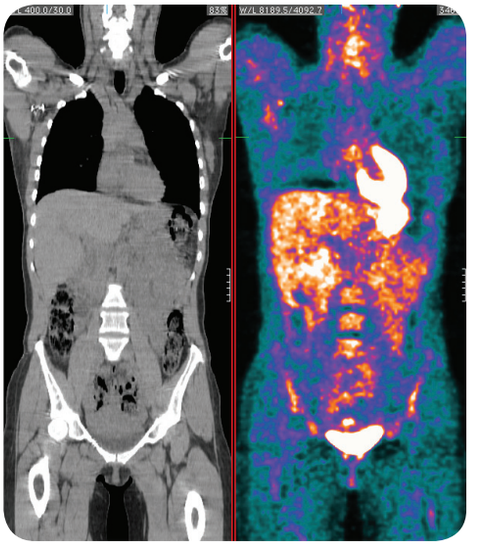
MedImage

Images where you need them, when you need them

MedView™ PACS Plug-in

Nuclear Medicine and PET/CT images



Enhance the quality and speed of the diagnostic process and achieve maximum efficiency from any PACS workstation in your hospital! MedView PACS Plug-in offers users a display program created specifically for the reading of Nuclear Medicine and PET/CT images without leaving the PACS workstation environment. Its multi-modality integration gives you unprecedented power to view CT, MR and CR alongside nuclear or register two volumes of different modalities into one fused-image display. And, modality specific functions like SUV and blended displays are supported for single acquisition as well as dual PET/CT.

Its multi-planar reconstructions for tomographic studies and rotating MIP, color palette and contrast adjustment display tools make MedView PACS Plug-in the choice of hospitals and health care groups around the world for the analysis of studies on the PACS workstation. And, you can send DICOM snapshots of screen results back to the PACS for storage with the patient's archived images for future review.

Rapid Report Turn-around and Optimum Workflow

The fast learning curve of the MedView application gets users up-and-running in no time. You'll find predefined layouts, hanging protocols and online help for the novice, as well as customizable display formats for the expert user.

Expand Your Point of View

Expand and enhance your point of view by adding NeuroQ™ Brain PET Analysis (Syntermed) and 4DM Cardiac Analysis (INVIA) to MedView PACS Plug-in.

MedImage: Our Experience Shows

Since 1985, MedImage expertise in Nuclear Medicine and SPECT/PET/CT imaging diagnostic products has increased the quality of diagnostic reading worldwide. To learn more about how MedView PACS Plug-in can improve the speed of your workflow and quality of diagnostic reading, contact us by email at **info@medimage.com** or phone at **734-665-5400.**

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MedView™ for Image Review

FACTS AND FEATURES

THE BASICS

Multi-Modality
True centralized viewing that includes the following modalities: CT, MR, NM, X-ray and PET.

Multiple Sources
MedView reads data originating from all nuclear medicine SPECT/PET/CT vendors in DICOM file format. File classes include: Static, Dynamic, SPECT, Gated SPECT, Results Screens and Whole Body (1024) images.

Multiple Monitors
For display of multiple images and/or visits, MedView supports 1-4 monitors on a system.

IMAGE MANIPULATION TOOLS

Annotation Tools
Label images with text, arrows, angle and distance indicators or freehand pencil shapes.

Auto-Contrast Adjust Setting
Set MedView to perform a histogram-based contrast adjustment on very low-resolution studies.

Axis Tilt
Correct any positioning or alignment problems in x, y or z directions.

Color Tables
Duplicate the host acquisition system or visually enhance an organ or isotope.

Contrast Tools
Adjust the contrast of individual rows of a merged (e.g., Stress/Rest) window, image-by-image, full scan or custom.

Custom Tomo Formats
Choose from many display formats, or create your own custom template, to fit your screen and viewing preference.

Dynamic Speed Controls
Multiple dynamic displays may be operated simultaneously, each with individual speed controls.

GSPECT Volume Rendering
Generate 360° volume-rendered projection images for a 3D cine display of wall motion at any stop.

Hot Keys for Presets
Window/Level/Contrast presets are defined by modality and associated units (SUVs).

Image Fusion of Hybrid PET/CT
Display fused dual acquisition PET/CT; change color tables and relative blend-weight between the two volumes.

Image Specific Regions
Designating a ROI/annotation as specific to an image allows you to scroll to other images in the study and then easily return to your marked image.

Merged Display
Merge and normalize cardiac stress and rest into one display. Lock aligned views for manipulation.

Multi-Gated Support
All views of a multi-gated study are automatically loaded in a synchronized, cine mode.

Multiple Visits
Additional windows from one or multiple patients may be opened until memory is filled.

Oncology Analysis Tool
Produce a composite window of three whole-body images: Original study, second study flipped horizontally and a third image, the arithmetic pixel-wise sum of the first two studies.

ROI and VOI Quantification Tools
Create ROIs to find the average, standard deviation and the max pixel information. A VOI (3D ellipsoid) reports the same stats on the volume plus Peak SUV.

Window Linking with Echo Cursor
Link two or more study windows and lock the position in the corresponding window for synched panning. The cursor location is echoed in these co-registered images. The end result is the dynamic display of the Pixel Value under the cursor.

Select Orientation for Sagittal Display
Set to default to left lateral or right lateral presentation of sagittal data in tomo format.

Slice Number Indicator
Slice numbers in tomo display correlate to those of a single image display format.

SUV Support
SUV and Peak SUV support are based on acquisition information, including weight, sex and height, from the PET system.

Volume Registration
Manually align (dual or separate acquisition) volumes from any modality via scaling, rotation and translation.

IMAGE STORAGE AND MANAGEMENT

MedView Db
Search and sort your patient list(s) for maximum efficiency.

Hanging Protocols & Bookmarks
Allows for the consistant opening of patient scans. The window format, size, contrast settings and color tables can be defined. Use the Bookmark function for flagging important findings.

Multiple Patient Directories
Keep research or teaching files in a separate directory.

IMAGE OUTPUT

Create DICOM CDs
Burn patient images and MedView LE to a DICOM CD for consultations, patient and family reviews or referrals.

DICOM Send
Create DICOM snapshots that can be sent to the PACS to be stored with the original data.