



WORKSTATION POSTPROCESSING FEATURES:

- Image Processing: GPU Based.
- 2-D orthogonal & 3D MPR
- 3D VOLUME Rendering
- 4D Multiphase Analysis
- 5 D Functional Analysis
- Minimum Intensity Projection MinIP
- Maximum Intensity Projection MIP
- Multi Planar Reconstruction (MPR)
- Thick MPR
- Straight MPR
- Curved Planar Recon (CPR)
- CT Vessel Analysis
- CT Coronary Analysis
- CT Cardiac Function Analysis.
- CT Flythrough Airway & Vascular
- CT Perfusion (Optional)
- CT Colon analysis with flythrough
- CT Calcium Scoring
- EVAR Stent Planning (Optional)
- CT/Multimodality Subtraction
- CT Liver volume analysis
- Multimodality Fusion
- Auto Segmentation
- Auto Vessel Detection
- OsiriX Updates free for 1 year.
- OSX Updates free for 1 Year.

OPTIONAL UPGRADES

- DUAL DICOM MONITOR.
- 4 TB MANUAL ARCHIVE DRIVE.
- 4 TB AUTOMATED ARCHIVE BAY.
- CT PERFUSION/DIFFUSION.
- SPECTROSCOPY PROCESSING.

HARDWARE SPECIFICATIONS

- **STORAGE: 1 TB**
- **CPU: 3.2 Ghz, Quad Core INTEL i5**
- **MEMORY: 8 GB**
- **SCREEN: 27 INCH, 3.68 Megapixels.**
- **GRAPHICS.: NVIDIA GEFORCE GTX775MX1GB**

FOR DEMO CALL +91 8308 533 533

Advance Features attracts extra cost..

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Technical specifications Subject to change without prior notice

ACTON ENGINEERING.

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MRI POST-PROCESSING FEATURES:

FREE

- Spine Stitching.
- Velocity-Encoded (phase and magnitude) cardiac MRI with image fusion
- ADC Map Calculation
- Measure T1 relaxation using variable flip angles, draw time course curves (signal intensity, relative enhancement, and contrast agent concentration)
- Ejection Fraction
- B1 Map (Bloch-Siegert shift and double angle method.)
- Visualization of MR Spectroscopy.
- T2 map from pre/post contrast T2 images.
- Quantitative functional analysis in MR urography.
- Quantify amount of fat and muscle in the tissues. (DIXON SERIES)
- Locating cranial nerves' nuclei.

PAID

- Calculation of perfusion parameters on the basis of 4-dimensional datasets.
- Computation of motion estimation in tagged-MRI
- FDA cleared IB Neuro™
- Myocardial strains and intra-myocardial mechanics from cardiac MR-tagging images.
- visualizing and processing DICOM MR spectroscopy data
- analyze multi-delay pseudo-continuous ASL (pCASL) data.
- strains and intra-myocardial mechanics from cardiac MR i

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