

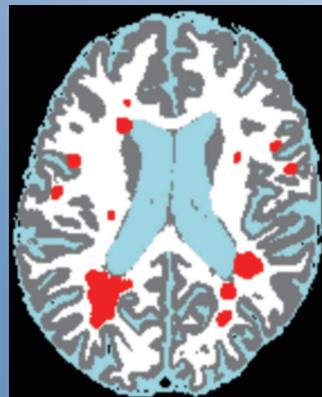
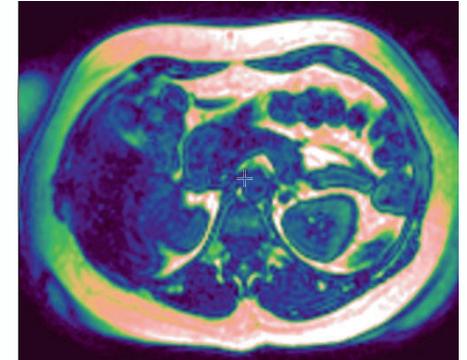
Cross-Platform Medical Image Analysis Software for Professionals



Jim is a comprehensive, user-friendly medical image analysis package for MRI, CT and other types of medical image

An extensive tool set to help answer the most demanding imaging research questions

With an up-to-the-minute design and a familiar user-interface, you will quickly be up and running with Jim



In collaboration with researchers from around the world, Jim has been in continuous development for over eighteen years. Using the Java™ platform, Jim is available for all popular computer operating systems:

- Microsoft Windows™
- Linux
- Macintosh OS X™
- Oracle Solaris™

Jim 8



from

Xinapse Systems

www.xinapse.com



“ Jim is a powerful, user-friendly image analysis program that has been a key tool for my laboratory. We owe a great deal of our success to this robust package. It is also a pleasure to work with Xinapse Systems. ”

Prof. Rohit Bakshi, MD
Harvard Medical School, USA

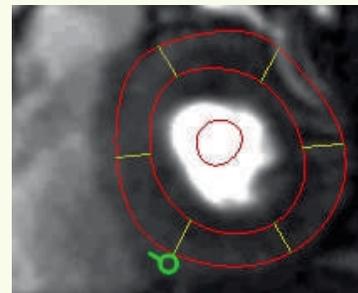
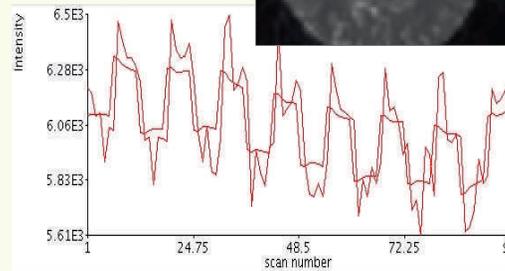
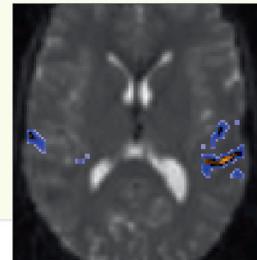
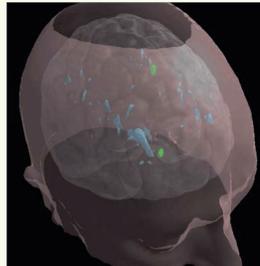


Precision in Medical Image Analysis



Jim has all the features you would expect from a powerful image display package, plus:

- Handles images in a wide range of formats, including DICOM, NIFTI-1 and Analyze™
- Powerful image import facilities for DICOM, ACR-NEMA, GE Medical Systems, Siemens, Bruker and Agilent
- Picture (JPEG, tiff, etc.) and raw data import for images not in a standard format
- DICOM query/retrieve and DICOM storage server to obtain images direct from your network
- DICOM save and send to save results to your network. Anonymisation
- Resampling, reorienting, de-mosaic and multi-planar reconstruction
- Movie display; 3-D visualisation
- Easy and precise region-of-interest creation and editing, with annotation and export of region statistics
- Image intensity histograms and line profiles; linked multiple image display
- Orthogonal views
- Image overlay



- Image segmentation and filtering
- Affine and non-linear image registration with a choice of cost functions
- Brain segmentation
- Brain volume and atrophy; spinal cord atrophy
- Longitudinal focal brain lesion analysis
- fMRI analysis using the General Linear Model
- Brain perfusion and dynamic contrast-enhanced K^{trans} analysis
- Diffusion tensor imaging and fibre tracking
- Quantitative fat/water separation
- Cardiac analysis with segmented LV myocardium
- Image algebra and image least-squares fitting with any arbitrary function
- Automated cardiac and vessel contour propagation
- Time-series analysis with plugin architecture for your own analysis schemes
- Non-uniformity (bias field) correction
- Processing tools can be command-line driven for easy scripting and automated processing
- Free, fully-documented Java A.P.I. so that you can easily extend the image processing capabilities with your own Java programmes

// *Jim is particularly suited to users who are not imaging specialists and who know little about MatLab or programming, allowing them quick and solid post processing. Technical support never fails to be anything less than excellent.*

// Prof. Daniel Procissi, PhD
Northwestern University, USA

Free 30-day trial

Installation from our web site takes just a few minutes - www.xinapse.com/Manual
Full support given during trial period