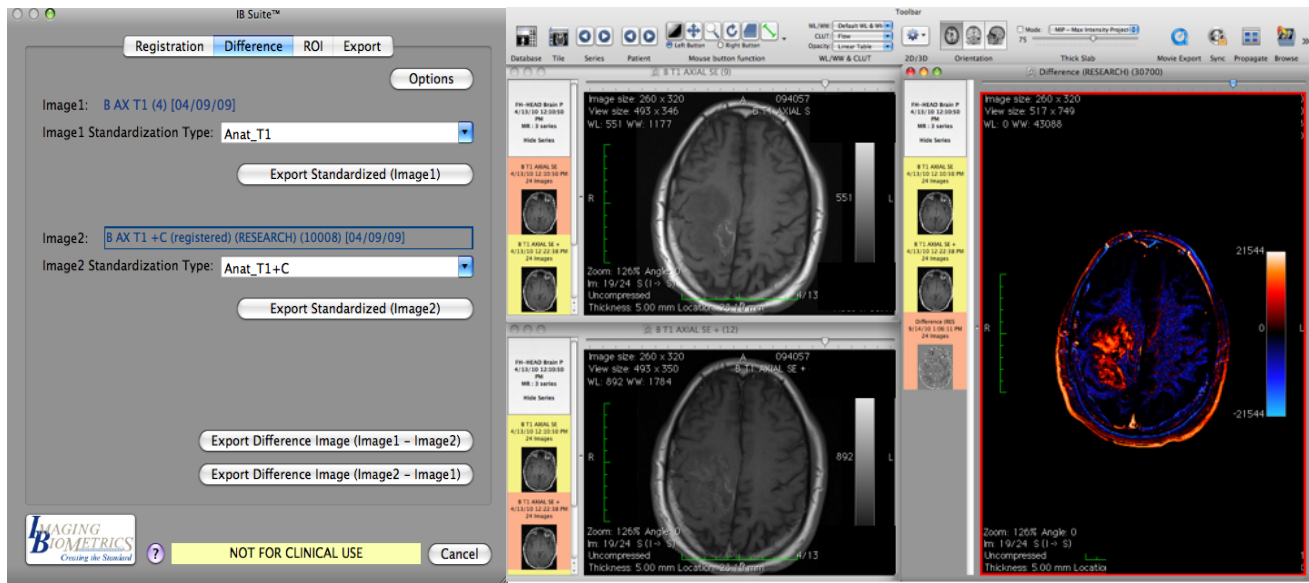


IB Suite™ v1.0 software analyzes conventional MR images (pre- and post-contrast T1-wt. images) and generates Delta T1 Maps (dT1 maps). dT1 maps are sensitive to subtle contrast enhancement on post-contrast T1-wt. images and selectively ignores blood products that enhance on pre-contrast T1-wt. images. Thus, dT1 maps aid in automatic detection of tumor regions free of blood products which is becoming increasingly useful in longitudinal analysis of patients treated with anti-angiogenic agents. In addition to separating blood products from tumor, dT1 maps enable easy, convenient visualization of post-surgical residual tumor.

IB Suite™ does not have FDA 510(k) clearance and is restricted for investigational use only.



Generated Delta T1 (dT1) Maps from pre- and post-contrast T1-wt. images

Key Features of IB Suite™ v1.0 OsiriX Plug-in

- Multiple registration algorithms to register inter- and intra- study MR scans (rCBV, dT1, ADC)
- Exclusive standardization algorithm that allows consistent comparison between different studies
- Delta T1 Map generation which gives quick and easy detection of tumor regions
- Thresholding capabilities that allow automatic generation of tumor regions of interest
- All calculations are done with the push of simple and intuitive buttons
- New calculated images are automatically exported as new DICOM series and can be easily pushed to a PACS
- Automatic report generation in form of a DICOM series that can be exported

IB plug-ins are designed to be compliant with healthcare standards such as DICOM and can be conveniently integrated with ease and speed into existing medical image visualization applications ranging from simple stand-alone workstations to sophisticated, PACS, CAD, MR, and IMRT systems. Currently our advanced technology is available as an OsiriX plug-in.