

“IB plug-ins are a lifesaver. They have cut down my analysis time from hours to minutes.”

- Cathy Marszalkowski

STANDARDIZED IMAGE POST-PROCESSING PLUG-INS

IB Neuro

- ◇ Dynamic Susceptibility Contrast (DSC) Analysis
- ◇ The only MR perfusion package with image standardization
- ◇ Standardize and Normalize parameters with ROI statistics
- ◇ Automatic AIF Generation
- ◇ Clinically validated in over 4,000 patients
- ◇ Biopsy-proven to delineate tumor from treatment effect
- ◇ Predictive of Overall Survival for GBM patients
- ◇ Immediate “perfusion pop-up” results

IB Delta Suite

- ◇ Multiple robust registration algorithms for inter- and intra-study scan registration
- ◇ Exclusive Image intensity standardization allows objective longitudinal analysis
- ◇ Automatic generation of tumor regions of interest
- ◇ Delta T1 map generation for quick and easy detection of tumor regions



IB DCE

- ◇ Dynamic Contrast Enhanced (DCE) Analysis
- ◇ Accurate implementation of the extended Tofts, Tofts, and Patlak algorithms
- ◇ Automatic vascular input function (VIF) generation
- ◇ Fast generation of perfusion parameter maps (Ktrans, Ve, Vp, T10, Initial Slope, Time to Peak (TTP), Peak Enhancement, and Initial Area Under Curve (IAUC))
- ◇ Automatic selection of flip angle series with manual override capabilities

IB Diffusion

- ◇ b values can be read directly from DICOM headers
- ◇ Standard two-point ADC calculation
- ◇ Extrapolated b-value, IVIM, and other parameters
- ◇ Linear regression to calculate ADC maps with more than two volumes, each with a unique b-value
- ◇ Generation of normalized ADC maps

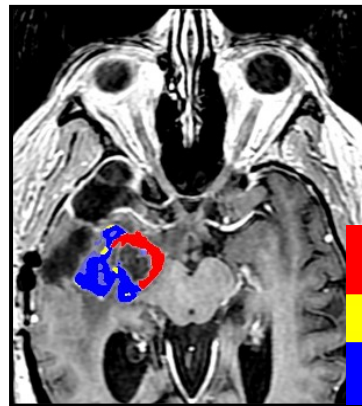
“The T1 with contrast is hard to interpret, but I think the Delta T1 says it all.”

- Jennifer Connelly MD

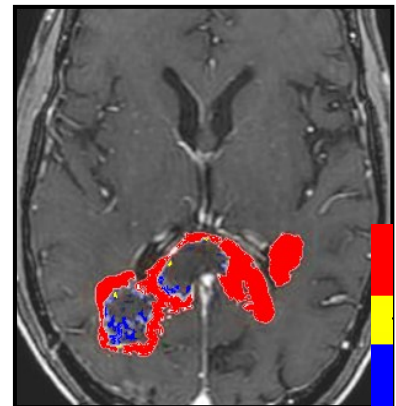
Proven • Quantitative • Vendor Neutral • Multiparametric • Fast • Standardized

CUSTOMIZABLE WORKFLOW WIZARD

- ◇ Developed in collaboration with leading radiologists
- ◇ Automated and semi-automated post-processing of advanced imaging, such as quantitative fractional tumor burden (FTB) and Delta T1 (dT1) maps
- ◇ Step-wise processing, with user- and site-specific instructions, and quality assurance and built-in intelligence
- ◇ Leverages the power of IB Clinic solutions for quantitative and standardized multiparametric image analysis



FTB = 30%
OS > 24 mos



FTB = 98%
OS < 8 mos

- ◇ Designed specifically for routine clinical practice
- ◇ Improves research productivity and enables consistent post-processing in multi-center settings
- ◇ Seamlessly integrates into any clinical environment

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