

Intensities (continued)

Standard Uptake Value Conversion

The Standard Uptake Value (SUV) in PET data is defined as the ratio of activity in tissue per millimeter to the activity in the injected dose per patient body weight. When PET data is loaded into Analyze via the Input/Output Database a new Intensity option 'SUV Conversion' appears, [1] the scale factors present in the DICOM header information with the PET data are used to automatically scale the data into units of activity per millimeter. [2] Any sampling of the PET data conducted in Analyze, such as ROI analysis, will provide values in this calibrated range.

