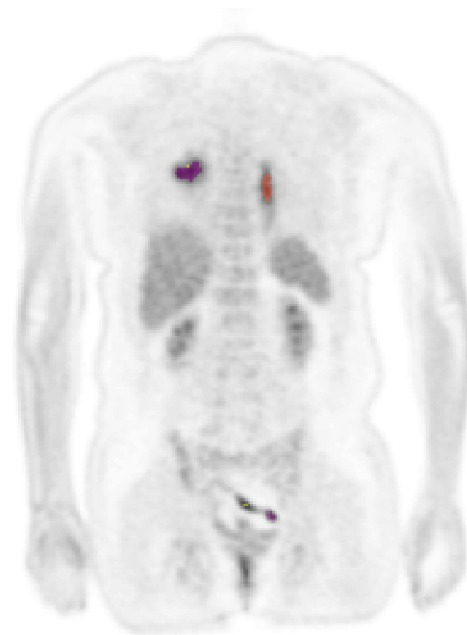
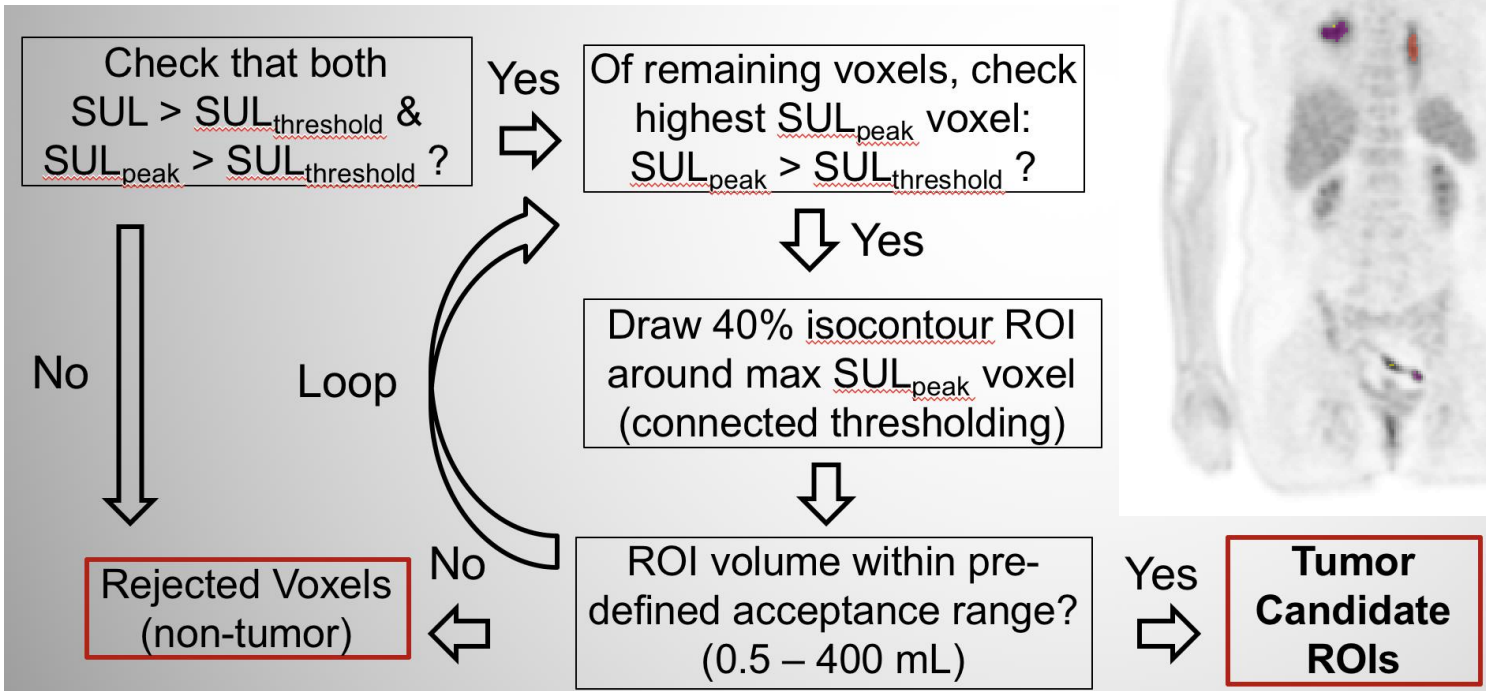


Analysis Example: Tumor Quantitation

Phase	Species	Modality	Disease Area	Task(s)	Tools
Discovery, Translational, Early, Late	All	PET / SPECT	Oncology	Quantitation	Image Processing, Modeling



Data preprocessing and tumor segmentation are used to compute several quantitative measures used in longitudinal assessment:

Number of Tumors
SUV/SUL Mean
SUV/SUL Max
SUV/SUL Peak
Metabolic Tumor Volume
Total Lesion Glycolysis

Semi-automated tumor segmentation serves as a quantitative complement to radiologist reads.