



GE HealthCare

Advancing radiopharmaceutical therapy with MIM SurePlan MRT

Personalized medicine requires personalized dosimetry

MIM SurePlan™ MRT is a software solution designed to provide time-saving tools for organ and tumor segmentation, deformable registration and patient-specific dose calculation for radiopharmaceutical therapy.

Key features

Capture quantitative imaging with existing hardware

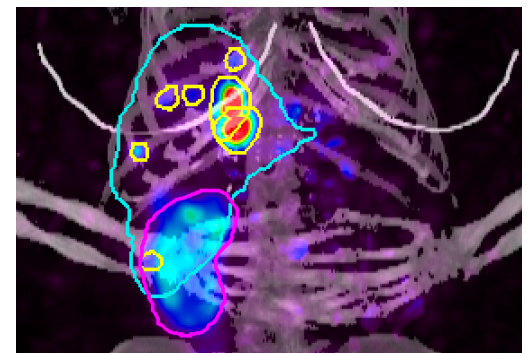
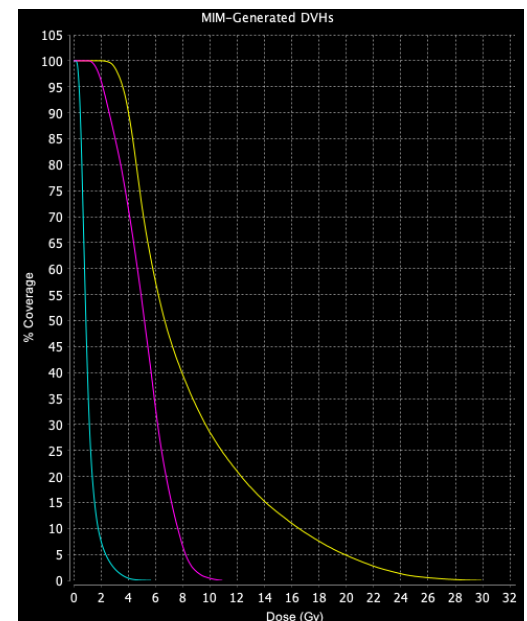
Reconstruction can be performed on your existing SPECT cameras, eliminating the energy and money needed to purchase a new camera that specifically supports this functionality. Additionally, having a vendor-neutral platform can help standardize reconstructions across your department.

Zero-click AI auto segmentation

MIM SurePlan MRT includes MIM Contour ProtégéAI+™, which uses artificial intelligence and deep learning to generate organ volumes for clinician review, including the kidneys and salivary glands, in only minutes. Advanced segmentation tools are available for tumors and other volumes of interest, allowing you to segment these structures with a single click.

Patient-specific dosimetry

By leveraging the patient's real anatomy with voxel-based dose calculations, the software creates accurate results via a simple, user-friendly process.



Single-time-point dosimetry approaches



Prior-information approach

Determine activity models with as few as two time points in the first cycle of therapy, then use those models with single-time-point acquisitions in subsequent therapy cycles.



Hånscheid approach

Direct calculation of time-integrated activity using a single-time-point. The Hånscheid approach is available for posttherapy acquisitions of ^{177}Lu -DOTATATE and ^{177}Lu -PSMA.