

MIM SureCalc™ MonteCarlo

Automated Dose Calculation in MIM

MIM SureCalc™ MonteCarlo provides next-generation plan second check QA and adaptive therapy assessment with ART Assist™. Developed in partnership with Radialogica, MIM SureCalc MonteCarlo utilizes an advanced Monte Carlo algorithm powered by SciMoCa™.

Advanced Monte Carlo Algorithm

- Gold standard for dose calculation accuracy
- Superior speed with 3D volumetric calculation, often in less than a minute
- Machine-specific beam modeling
- Support for photon plans from most LINACs

Second Check QA Advantages

- Automate independent second check of RTplans from calculation to reporting
- Enhanced accuracy
- Powerful analysis tools to compare and evaluate dose volumes
- Centralize and structure all plan and dose data to enable:
 - Plan reporting
 - Chart rounds & peer review
 - Long-term archive in MIMpacs RT™

Adaptive Therapy Assessment Advantages

- Calculate dose on daily images with ART Assist using MIM's image processing techniques to create a daily pseudo-CT
- Quantify anatomic and dosimetric changes during treatment for predictive plan assessment
- Automate the entire ART process including report generation with MIM Assistant®

