

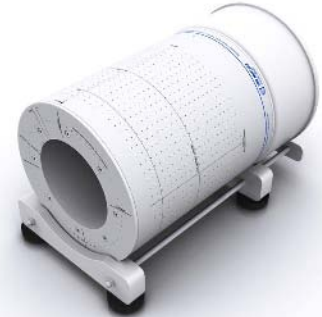


RapidArc™ QA and Dosimetry

VARIAN
medical systems

ArcCHECK™ - 4D Rotational Delivery QA

- ▶ Verify dose plans, RapidArc QA, and IMRT QA
- ▶ 1386 precision SunPoint™ Diode Detectors
- ▶ HeliGrid™ helical array geometry
- ▶ 50ms update frequency
- ▶ Optional central cavity detector insert
- ▶ Lightweight (16kg) and simple to setup



MapCHECK 2™ - Raising the Bar in IMRT QA

- ▶ Verify dose plans, RapidArc QA, IMRT QA, MLC QA, beam QA, gating QA*
- ▶ 1527 precision SunPoint Diode Detectors
- ▶ 32 x 26cm field size
- ▶ 7mm uniform detector spacing
- ▶ Active detector area: 0.8 x 0.8mm (0.64mm²)
- ▶ 50ms update frequency



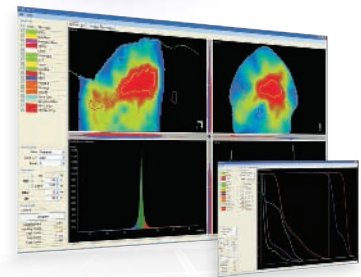
MapPHAN™ - Rotational Dosimetry Delivered

- ▶ Clinically proven precision and accuracy with Varian RapidArc machines
- ▶ Options for MapCHECK™ and MapCHECK 2
- ▶ Virtual Water™ construction
- ▶ 5 and 10cm depths available



3DVH™ - Complete 3D Patient Dose Analysis

- ▶ 3D and DVH analysis on patient geometry
- ▶ Quantitative multi-modality DICOM plan inter-comparisons
- ▶ Uses patent pending method-PDP™ Planned Dose Perturbation
 - > No secondary dose calculation



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