QA and Dosimetry

**Pinnacle³ - SmartArc**

**ArcCHECK™** - 4D Rotational Delivery QA
- Validated with SmartArc and Pinnacle³
- Verify dose plans, VMAT QA, 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, VMAT QA, IMRT QA, MLC QA, beam QA, gating QA*, dose based EPID IMRT 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® and Elekta® deliveries
- Options for MapCHECK™ and MapCHECK 2
- Virtual Water™ construction
- 5 and 10cm depths available

**EPIDose™** - The Absolute in EPID Dosimetry
- Convert MV EPID images to dose for analysis in the familiar MapCHECK software
- Use EPID images for IMRT QA
- Compatible with MapCHECK QA and MapCHECK 2

**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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