



Quality Assurance Solutions for the Accuray® CyberKnife® System

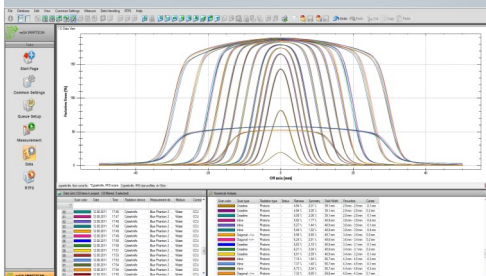
IBA Dosimetry provides a range of advanced and independent Quality Assurance solutions dedicated and proven for the Accuray CyberKnife System.



SMARTSCAN Water Phantom Complete System

SMARTSCAN^(TM) is dedicated solution for automatic and guided beam scanning. This complete package enables fast and accurate commissioning and annual QA optimized for the CyberKnife.

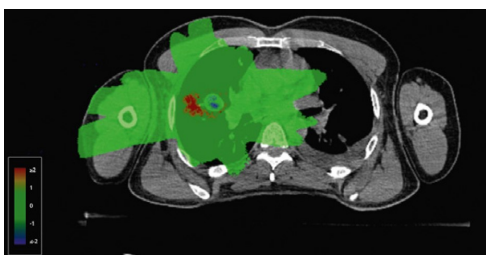
- SMARTSCAN Water Phantom
- SMARTSCAN Lift Table
- SMARTSCAN Water Reservoir
- Measurement set for TPR/TMR
- Advanced ion chamber detector set incl. cables & connectors:
 - RAZOR Chamber 0.01 ccm for stereotactic measurements
 - CC04 Ionization Chamber for measurements of small fields and high dose gradients
 - RAZOR Diode detector



SMARTSCAN Beam Scanning and Analysis Software

Dedicated software for automatic and guided beam scanning of the CyberKnife System and for the analysis of scanned beams. Including:

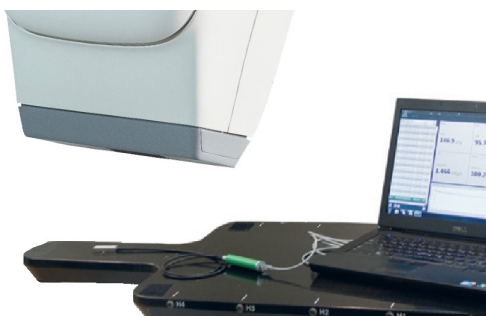
- myQA Platform software
- myQA Accept SMARTSCAN software
- Beam queue optimized for the CyberKnife for fastest scanning



Monte Carlo Secondary Dose Check and Plan QA

SciMoCaTM independent plan QA with Monte Carlo dose calculations with 0.5% accuracy. Typical calculation times < 2 minutes

- Significant time saving compared to film QA measurements
- Automatic workflow identifies TPS dose discrepancies
- Instantaneous feedback regarding achievement of planning objectives in DVH and patient anatomy
- Proven solution for CyberKnife plan QA



QA for the CyberKnife Image-Guidance System

Advanced solution to QA the imaging quality and dose:

- MagicMaX Multimeter with XR detector offering unique image dose QA efficiency even with serial image exposures
- Primus A test plate with myQA Machines for evaluation of the image quality

IBA Dosimetry Contact: dosimetry-info@iba-group.com | iba-dosimetry.com