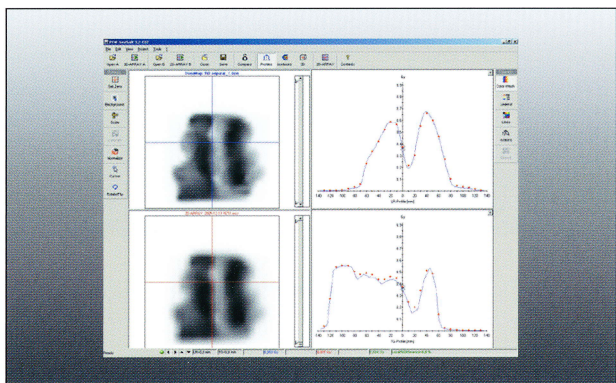


# VeriSoft®

## Verification Software



### *IMRT patient plan verification software*

#### Features

- ▶ Verifies IMRT treatment plans
- ▶ Compares any two data records from planning systems, OCTAVIUS Detector 729 or film
- ▶ Provides comprehensive data evaluation routines with Gamma Index analyses and traffic light function for fast checking
- ▶ Enables overlaid isodose display
- ▶ Contains list function for importing several fields
- ▶ Supports inclinometer measurements to verify dose over gantry angle or time
- ▶ 3D Gamma Index analysis

VeriSoft helps the medical physics expert to verify the IMRT treatment plan by comparing data measured in an IMRT verification phantom with data computed for the same phantom by a radiotherapy treatment planning system. Matrices of measured and calculated points of an IMRT beam are read and displayed by VeriSoft. Isodoses, profiles and numerical values can be compared. VeriSoft features several display modes.

VeriSoft offers different ways to evaluate the deviation between treatment plan and measured beam, including the Gamma Index method.

VeriSoft reads calculated dose matrices from all major radiation therapy planning systems (DICOM or own data formats) as well as all customary image formats.

To acquire 2D measuring matrices for the evaluation by the VeriSoft software, a beam data acquisition system is required (Therapy Beam Analyzer, OCTAVIUS Detector 729 or film digitizer with TIFF format).

#### Ordering Information

S070009 VeriSoft software

- ▶ IMRT Verification Phantoms *page 61ff.*