DIAMOND® for Brachytherapy

Verification of Brachytherapy Treatment Plans

- Quickly perform LDR and HDR point dose calculations.
- Visualize source dwell positions and dose reference points in 3D.
- Export DICOM RT Dose for further 3D analysis.
DIAMOND®
Brachytherapy Option

Highlights
- Streamlined verification of LDR and HDR point dose calculations
- Integrated calendar to automatically calculate the decay factor for each treatment fraction
- Integrated source management with commissioning function and table import via drag & drop
- Powerful, easy-to-use graphical tools for testing plan robustness
- Customizable reports to facilitate documentation
- Export capability to allow a comprehensive 3D analysis in other applications, e.g., VeriSoft®, DICOM RT Studio

Benefits
- Integrated solution – teletherapy and DICOM SCP listener included
- Safe – secure user management
- Compliant – meets AAPM TG-43 recommendations for 1D and 2D formalism

Seamless Workflow
- Import DICOM RT Plan object from treatment planning system (TPS).
- Calculate point doses.
- Check whether or not failed points are critical.
- Generate decay factor for each fraction and/or test plan robustness (optional).
- Approve results.
- Document results and print them for sign-off.
- Calculate and export 3D DICOM RT Dose for 3D plan evaluation.

Order Information
- S070020 DIAMOND® Software
- S070020.001 Option VMAT & ROI
- S070020.002 Option M.D. Anderson for Electrons
- S070020.003 Option Brachytherapy (not available for sale in the U.S.)

More information on DIAMOND® software at www.ptwdiamond.de