

1<sup>st</sup> February 2024**VERIQA RT EPID 3D Customer Information:****Use of PTW's VERIQA EPID image acquisition PC at Varian TrueBeam®, VitalBeam®, Edge®, Halcyon® and Ethos® treatment machines**

To whom it may concern

VERIQA RT EPID 3D is part of PTW's patient QA software platform VERIQA enabling pre-treatment and in vivo EPID dosimetry. It allows true 3D patient dosimetry by using gantry-angle resolved EPID images and the patient anatomy from the patient CT scan for 3D dose reconstruction. This enables direct comparison with the planned patient dose by means of 3D Gamma and DVH comparison.

VERIQA RT EPID 3D provides a fully automated workflow from image acquisition and calculation to evaluation and documentation by using PTW's VERIQA EPID image acquisition PC for Varian, A Siemens Healthineers Company, TrueBeam®, VitalBeam®, Edge®, Halcyon® and Ethos® treatment machines. The VERIQA EPID image acquisition PC nicely fits in the Varian cabinet and requires just two connections to be able to operate in less than 10 minutes:

- A network connection to the "I:\drive" with read-only access to the location where the trajectory log files of the corresponding treatment machine are stored,
- A read-only connection to the XI node via a CameraLink cable provided by PTW.

The VERIQA EPID image acquisition PC saves the gantry-angle resolved EPID images from the XI node, combines them with meta data from the corresponding trajectory log file and automatically passes the data to VERIQA for dose calculation and evaluation. The solution is designed for continuous operation within the clinical workflow and does not require additional configurations of any other Varian system. The VERIQA EPID image acquisition PC has been successfully tested with the Varian treatment machine types supported by VERIQA RT EPID 3D at several sites.

VERIQA RT EPID 3D will be released as a Class IIb medical device. Whereas Varian cannot make any official statements on the interoperability of the VERIQA EPID image acquisition PC with Varian treatment machines, PTW accepts full liability for the interoperability of VERIQA RT EPID 3D and the VERIQA EPID image acquisition PC with Varian TrueBeam®, VitalBeam®, Edge®, Halcyon® and Ethos® treatment machines within the scope of legal regulations.

Sincerely,



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