

THERE IS A NEW INTELLIGENCE IN TOWN.



PTW
THE
DOSIMETRY
COMPANY

Intelligence. Integration. Insight.

VERIQA is on a mission.

The Mission: Simplify patient QA.
Through intelligence and automation.
For better results. In less time.

Make VERIQA's mission your own.



VERIQA

**YOUR ONE-STOP SOLUTION FOR
INTEGRATED PATIENT QA**



SINGLE POINT OF ACCESS FOR YOUR PATIENT QA NEEDS

One Platform. Flexible and Scalable.

Manage all patient QA tasks efficiently in one place. From visualization and evaluation to verification and reporting, everything you need is seamlessly integrated into one platform – hardware and software. With its modular, scalable design, VERIQA gives you the flexibility to combine, expand or upgrade modules as and when needed.

Built on future-proof client-server architecture, VERIQA is perfect for any work environment. Simply access its web client to browse and organize measurements, calculations and “To Do” lists or retrieve QA results.

VERIQA

SMART PATIENT QA



Automated Workflows. Streamlined Operations.

VERIQA takes workflow efficiency to the next level by automating repetitive tasks and manual steps in patient QA. It streamlines all operations from data collection and analysis to approval and documentation, generates reports upon task completion, sends email alerts and notifications where actions are required, and exports QA results to Track-it for comprehensive data management fully automatically.



FEWER ERRORS. MORE TIME. VERIQA

SMART PATIENT QA



Accuracy Guaranteed.

Recognized for their outstanding accuracy, Monte Carlo techniques have become the method of choice for dose calculation in radiotherapy.

VERIQA calculates dose using the well-known SciMoCa™ dose calculation algorithm. It is truly independent of the LINAC and treatment planning system, providing you with most accurate calculation results – in a very short time and even in complex situations (e.g., small fields, inhomogenous regions).

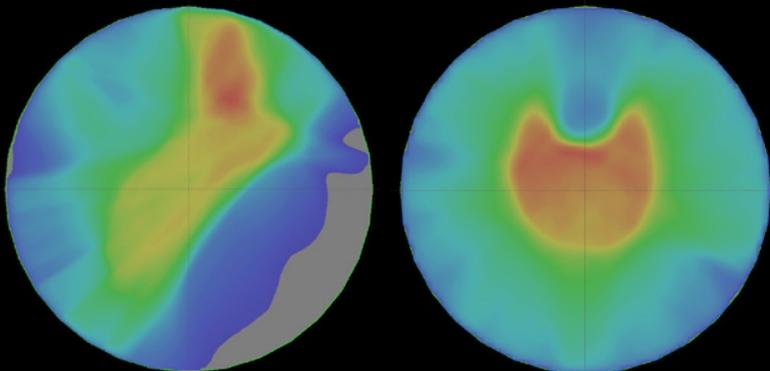
Advanced comparison tools, including structure-based gamma volume analysis (GVH), assist you in reliably assessing dose delivery to critical structures and organs at risk.



MONTE CARLO.
INDEPENDENT DOSE CALCULATION.
ULTRA-PRECISE. ULTRA-FAST.

VERIQA
SMART PATIENT QA

VERIQA
Automated
phantom
measurements



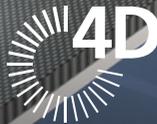
Automated Plan Verification – More than One Choice.

When it comes to verification, there is no *one-method-fits-all*.

VERIQA gives you the choice to select the best method for your verification needs – from independent dose calculations to phantom-based dose measurements. Perfectly integrated with OCTAVIUS® 4D measurement equipment, it automates manual setup tasks, data acquisition and analysis, making phantom measurements safer, faster and much more efficient.

Install OCTAVIUS® 4D on the patient couch, access VERIQA and select the measurement task from your “To Do” list – done. VERIQA will automatically analyze the collected measurement data and present the results on the spot. A comprehensive dashboard view provides easy access to all the latest verification results. Use the powerful visualization and comparison tools of VERIQA for more detailed analysis and evaluation.



OCTAVIUS 

MODULAR. ISOTROPIC. TRUE 3D.



Track. Trend. Monitor.

Maximize efficiency through data integration and automation. Combine VERIQA with Track-it for efficient case-related monitoring of your QA results. As a browser-based data management software, Track-it integrates QA data from different sources, devices and sites into a single, intuitive platform, which can be easily accessed from anywhere in your network.

Keep track of changes in your QA data over time, detect outliers more easily and initiate action when needed.

When combined with Track-it, VERIQA automatically exports your patient QA results to the Track-it QA database. No click needed.



AUTOMATIC EXPORT OF QA RESULTS TO TRACK-IT – NO CLICK NEEDED.

Powerful Modules for Any Patient QA Task. Integrated in One Platform.

PRE-TREATMENT VERIFICATION

RT MonteCarlo 3D
Monte Carlo 3D dose calculation

RT OCTAVIUS®
Verification of patient dose based on phantom
measurements with OCTAVIUS® 4D systems

VISUALIZATION

RT View
Access, visualization and comparison of treatment
plans (e.g., DICOM RT images, dose distributions,
beams, structures, DVH, DRR)

EVALUATION

RT Evaluate
Evaluation of treatment plans, including image
registration, dose summation, contouring and
gamma analysis

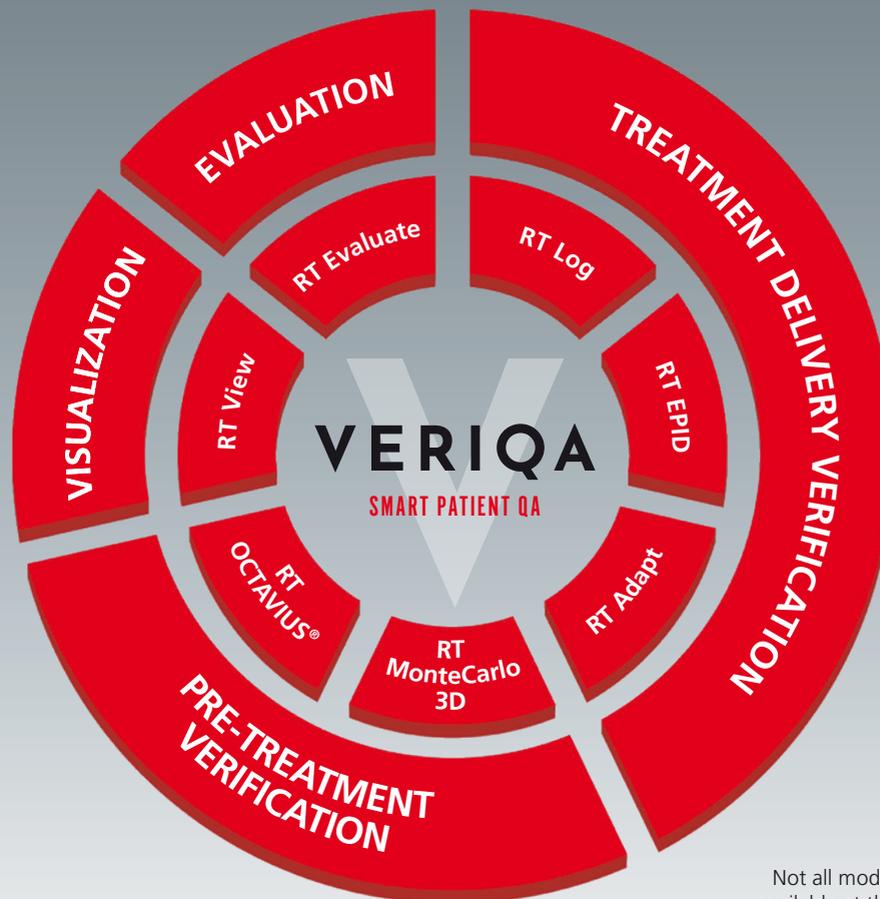
TREATMENT DELIVERY VERIFICATION

RT Log
Dose calculation using treatment log files

RT EPID
Dose calculation using EPID images

RT Adapt
Dose calculation using daily CBCT images

MODULAR. AUTOMATED. INTEGRATED.



Not all modules are
available at this time.

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VERIQA

SMART PATIENT QA

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