



RADCALC[®]

POWERFUL QA SOFTWARE

Quality Assurance by LAP
RadCalc[®] – Now a part of LAP

RadCalc® – FAST, EASY, ACCURATE

RadCalc® – POWERFUL QA SOFTWARE

If you are reading this, the chances are you know someone who has had or will have cancer during their lifetime. Cancer impacts so many lives every day. For many, this is why you entered the field of radiation oncology, to make a positive difference in the lives of the patients you serve.

Our Associates are driven to improve the lives of those who are racing against time to fight cancer by helping to assure them as well as their loved ones that they are receiving quality treatments. This is why our vision is to create the highest quality software products that exceed our customers' expectations. We strive to achieve this vision by our commitment and dedication to continuous improvement of all we do in responding to the

HOW DO YOU VERIFY YOUR TREATMENT PLANNING SYSTEM CALCULATIONS?

RadCalc® software was developed to simplify the QA process which has become more complex and expansive. Choose only the modules and features you need, import your data; calculations are fully automated once exported from your TPS.

Various QA processes can produce different results; therefore it is imperative to independently verify calculations a second time. RadCalc® independently verifies dosimetric calculations in an easy to use software platform. Simply export your treatment plan and RadCalc® automatically performs the second check, attaches the appropriate reports, and sends them back to your workstation within minutes. If a plan doesn't pass your criteria a message is sent prompting the user to investigate the error.

KEY FACTS

- More than 2,300 users worldwide
- Hundreds of client inspired features including 8 modules with more coming soon
- 19 plus years as market leader
- The most comprehensive dosimetric QA software in the world

needs of our customers for the benefit of the patients and families they serve. RadCalc® includes hundreds of client requested features added over the last 20 years. Your input and our commitment to add valuable features to RadCalc® continue to be the genesis of RadCalc® QA software.

SELECTION OF SUPPORTED TREATMENT TECHNIQUES:

2D/3D Conventional

IMRT/Compensator Base IMRT

VMAT

Electrons

SRS, SBRT

CyberKnife®

3D Dose Volume Brachytherapy module w/DVH, DTA, Gamma Analysis tools

Superficial and Diodes

TomoTherapy® verification module

Gamma Knife verification module

Sales Support Inside USA: +1-866-592-1343 option 1
Outside USA: +1-903-207-4298 option 1 · Technical Support: option 2

www.lifelinesoftware.com

CHOOSE FROM SEVERAL RadCalc® MODULES TO BUILD A QA PACKAGE TO MEET YOUR SPECIFIC NEEDS.

FAST

A fully automated import and export is much faster than manual entering of the necessary parameters. Thus it prevents human transmission errors.

POWERFUL

Most common treatment plans can be verified with RadCalc® QA software. Comprehensive analytical features provide powerful tools for physicists for plan analysis.

PLAN COMPARISON

Designed to detect errors in a verify and record system due to data transfer or manual entry errors.

EASY

Due to its highly user-friendly interface, the software is easy to use. Clear structures, guided menus, sophisticated layout make the recurring tasks simple and time-saving.

SAFE

RadCalc® has an FDA 510(k) clearance and follows the guidelines for class II & IIb medical devices.

VENDOR INDEPENDENT

RadCalc® provides the opportunity to check all results independently from the manufacturer's TPS. This ensures unbiased third party validation.

ACCURATE

Studies have shown the verification dose to be within $\pm 3\%$ of the treatment plan dose providing unsurpassed accuracy.

TIME-SAVING

What commonly* takes 10–60 minutes/patient to verify a treatment plan MU dose is now reduced to minutes.

EASY INSTALLATION

Physics data setup service available with full phone & web support. Installs on workstations, client server environments, virtual operating systems, e. g. Citrix, VMWare

*Refers to film or ion chamber dose verification methods consisting of room setup, delivery, and dose confirmation.

COMING NEXT ON ROADMAP:

Not available for sale within the

United States – work in progress

■ 3D TPS 2nd Check w/Collapsed Cone algorithm

■ 3D Monte Carlo

■ 3D EPID

TECHNICAL DATA – RadCalc® SOFTWARE SPECS

Version 6.4 supports Microsoft® Windows® 7, 8, 8.1, 10, 32-bit and 64-bit operating systems

Processor: Intel i5 or equivalent

Memory (RAM): 4 GB

Video: Minimum resolution 1024 × 768 and minimum 1 GB video memory (RAM)

OpenGL 1.1 support required

Hard drive space: 1 GB available. Varies with quantity and type of patient data.

Windows compatible mouse or pointing device

The import and export utilities may require computer system to be networked together



REQUEST A DEMO

We are ready to build your RadCalc® QA package customized to your specific needs. Please contact our sales team.

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