

decimal eRT Version History

This section is intended to provide access to previous versions of the decimal ElectronRT (eRT) documentation. Below you will find the userguide for each released version of the decimal eRT app. To find your application's current version use the top "View" menu and select "App Info"; the "Version" field will contain your current version of the App.

User Guide information is directly available on this website for the current latest release and PDF files are provided for offline user guide access for all application versions below.

Release Notes

decimal eRT 0.0.3

April 6, 2021 - [Download decimal eRT 0.0.3 User Guide](#)

What's New

- Adds site configuration of default plan dose colors
- Adds manual abort of automatic beam calculations to allow the user to manually define the beam
- Adds option to import and export the organization configuration
- Adds a http://apps.dotdecimal.com/doku.php?id=electronrt:userguide:dicom_receiver to support receiving DICOM files
- Adds DICOM monitoring directory to the site configuration and importing options to the Import UI
- Adds the ability to manually change the Course structure types when editing a Course
- Adds the ability to use skin collimators with an Optimized Thickness bolus
- Adds individual DICOM file browsing, recursive folder searching (folder adding only) and the ability to remove files
- Adds Plan History viewing and reverting to the General Block
- Adds Organization/Importing and exported

Bug Fixes

- Fixes high memory usage when computing an Optimized Thickness Bolus
- Fixes data upgrades for approved plans causing errors when the patient directory is moved
- Removes the color chooser when adding a Course prescription
- Fixes automatic beam approaches when using non HFS patients
- Improves the layout of the bolus generation UI
- Fixes a bug allowing users to save a machine with a 0 default block margin
- Fixes a bug that caused a crash when removing an item from the scrollable list UI
- Fixes structures being sorted non-alphabetically when imported

- Removes the Course color since it's no longer used
- Fixes auto gantry and couch angle calculations for non HFS patients
- Improves the robustness of data upgrades between versions to ensure future data compatibility
- Fixes memory management to clear unneeded memory when closing a patient

Note: This release has not been cleared by the FDA for clinical use

decimal eRT 0.0.2

February 24, 2021 - [Download decimal eRT 0.0.2 User Guide](#)

What's New

- Adds Skin Collimator creation to electron beams
- Adds the option to shift an isocenter position when creating an electron beam
- Sliced views now jump to the center of the structure when a target is selected
- Adds Intensity Modulator dose scaling controls during bolus creation
- Adds default block margin to the Treatment Machine settings
- Adds applicator to bolus collision detection and errors
- Bolus and Skin Collimator order files now contain Stereolithography (STL) file data

Bug Fixes

- Fixed short patient names causing errors with comp IDs when ordering devices
- Fixed the app being defaulted to full screen on initial application launch
- Fixed checksum race condition and errors when saving a Course
- Updated the treatment machine SAD vale to be a single textbox
- Fixed the Elekta applicator field sizes to be the correct size at tray (5% larger)
- Updated the BEV block & manual edit colors to better show the final block shape
- Fixed the Uniform Thickness Bolus extents box being in the wrong distance unit
- Fixed IM order files to have pins at the physical locations
- Updated Bolus QA to includ eboth the original structures and the reimported structures (which are given a '_QA' suffix
- Disabled the Beams and Export blocks when no treatment machine or CT curves are present in the organization configuration

Note: This release has not been cleared by the FDA for clinical use

decimal eRT 0.0.1

December 4, 2020 - [Download decimal eRT 0.0.1 User Guide](#)

What's New

- This is the initial consortium application release
- Initial UI and application, including treatment planning support for electron beams, blocks, and bolus devices.

Bug Fixes

- N/A

Note: This release has not been cleared by the FDA for clinical use

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