electronRT App User Guide

Overview

The decimal electronRT App is used for treatment planning of electron radiation therapy treatments. The electronRT App is an interactive end user application that allows users to create treatment plans and electron beam shaping devices (e.g.: bolus, blocks, and skin collimators) and order those devices to .decimal for fabrication.

Purpose

The purpose of this document is to provide guidance on the setup, access, and usage of the decimal electronRT App.

Getting Started

Proper use of this software is critical to safe and effective treatment of patients using plans generated by this application. Users are expected to read and understand this complete User Guide including the Instructions for Use, which outlines the general usage principles and limitations of the electronRT App. Users must read and understand these instructions before operating the system for clinical use. Refer to each section below for complete details:

- **Instructions for Use**
    - Overview and Indications for Use
    - User Responsibilities
    - Warning
    - Intended Use
    - User Profile
    - Product Features
    - Data Model

Precautions

It is the responsibility of those utilizing this application to ensure all that all usages of this product relating to patient treatments are performed by trained and qualified personnel only and that such personnel is aware that the quality of any generated treatment plans is highly dependent on the quality and correctness of the input data; therefore if any questions or uncertainties exist regarding the quality, units, or identification of input data arise, they must be investigated and resolved before the data are used.

Initial Setup

✎ Fix Me!

Installation

✎ Fix Me!

Site Settings and Defaults

✎ Fix Me!

Site Facility Model

✎ Fix Me!

Keyboard and Mouse Controls

The electronRT App utilizes keyboard shortcuts to help streamline many commonly used functions and display controls. A complete listing of these shortcuts along with a full description of the mouse controls is located at the Keyboard and Mouse Controls page.

Tutorials

Task Descriptions

The following task descriptions are thorough guides providing complete information about each task within the electronRT Application.

- Launching the electronRT App
- Importing DICOM Patient Files
- Patient Courses
- Creating a Plan
    - Density Overrides
    - Electron Beams
        - Creating a Block

- - - Creating a Bolus
  - Approving a Plan
  - Plan Reports
  - Plan QA
  - DICOM Export

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