

Plan Reports

The ElectronRT App allows PDF export of treatment plan reports. Treatment plan reports include all patient, plan, and beam data and can optionally include screen shots taken in the application.

▼ Export

▼ Plan Reports

Report Screen Shots
Add or remove screenshots for exported reports

Screen Shot Name:

Take Report Screen Shot

Export Plan Report
Export the Plan Report (including saved screen shots)

☒ Open report after export

☐ Copy PDF after export

▼ Report Content Options

▼ Patient Geometry

☒ Export Dose Reference Points

▼ Imaging

☒ Export Density Overrides

▼ Beams

☒ Export Beam List

☐ Use IEC Coordinate System

☒ Export Ordered Hardware IDs

Export Plan Report

Fig. 1: Plan Report UI

Report Customization

The ElectronRT App provides options for customizing the exported plan report including: customizing the header logo and setting the different options for details that will appear on the report.

Header Logo

By default the header logo is set to the logo of the application. The header logo can be optionally overridden by the user in the Organization Configuration block. For more information please see <link to

site config wiki> .

The header will be placed as shown in [figure 2](#). Note: The header image is not scaled and is placed on the report at it's native size. We recommend the image to be less than 75 pixels in height to prevent impacting report content and usability.



<Organization Name>

Patient: Anon A89376
Plan: Plan 1

decimal eRT Default App Logo
decimal ElectronRT
Version 0.0.3

Treatment Plan Report

Patient
Name: Anon A89376 HSN: A89376 Birth Date: 1983-Jan-01
Decimal ID: K36963 Patient ID: 1 Sex: Other

Course
Course Name: course_2020-07-20 Prescription: 54 Gy in PTV in 30 fractions
Course ID: 1 Referring Physician: Treatment Site: Head and Neck

DICOM Info
Structure Set Name: PQANDR01 Structure Set Label: PLAN_15
Patient Position: RPS

Plan
Plan Name: Plan 1 Plan ID: 1
Plan Description:

Imaging
CT Name: GE 128

Machine
Machine Model: VarianTrueBeam (Last Modified By: Alfredo Negrin-Rivera On: 2020-06-24 13:37:21)
Coordinate System: Equipment

Beam List

ID	Target	Energy	Gantry	Couch	Collimator	Isocenter (cm)	Entrance (cm)	SSD	Aplicator
01	G359 CD CLC; 6x6	6046	9 MeV	236 deg	0 deg	-3.35, -34.45, 7.50	-3.35, -34.45, 7.50	100 cm	6x6

⚠️ Treatment Approval: Unapproved - Last Modified: 2020-07-20 10:45:53 by Daniel Patenaude
Report Created: 'Plan 1_report.pdf' 2020-07-20 11:21:28 by Daniel Patenaude

1/1

Fig. 2: Custom Header

Screen Shots

Users are able to take screen shots to include on their treatment plan report. Screen shots will include the entire display UI including all CT, Dose, 3D, BEV, and statistics views. Once a screen shot has been captured it will appear on the exported treatment plan report

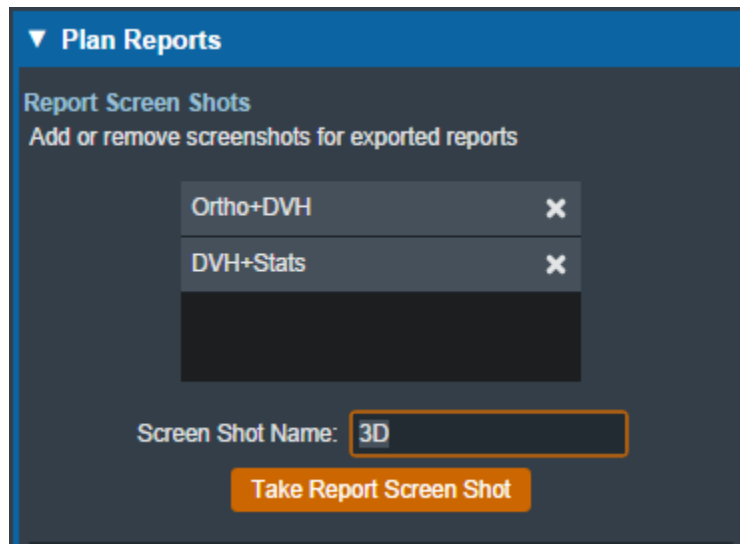


Fig. 3: Report Screenshots

After specifying a name for the screenshot the application will allow the user to capture the current display and save the screen shot for the plan report.

Managing Screen Shots

Once a screenshot has been captured the following actions can be performed for each screen shot:

- **Preview/View:** You can view the captured screen shot by selecting the screenshot in the list of saved captures
- **Delete:** You can remove a captured screenshot so that it is no longer exported to the treatment plan report by selecting the 'X' icon next to the screenshot name.

Report Content

By default plan reports will contain all plan information currently present in the treatment plan. Users can optionally chose to not export specific content to the treatment plan report including: dose reference points, density overrides, beams, or ordered hardware information.

Coordinate System (Equipment & IEC)

By default the treatment plan report will export beam geometry information in the equipment coordinate system. Users can optionally chose to export beam coordinates using the IEC coordinate system as specified in the Machine Configuration. This option is provided as a checkbox in the Report Content Options section.

The selected coordinate system option will be displayed on the treatment plan report as either "Equipment" or "IEC" as shown in the [figure 4](#) below.



Fig. 4: Report Coordinate System

For more information on setting the IEC coordinate systems please see <link to site config wiki>



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Last update: **2021/07/29 18:24**