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.

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 in 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 refer to the Organization Settings.

The header will be placed as shown in figure 2. The header image is not scaled and is placed on the report at its native size.
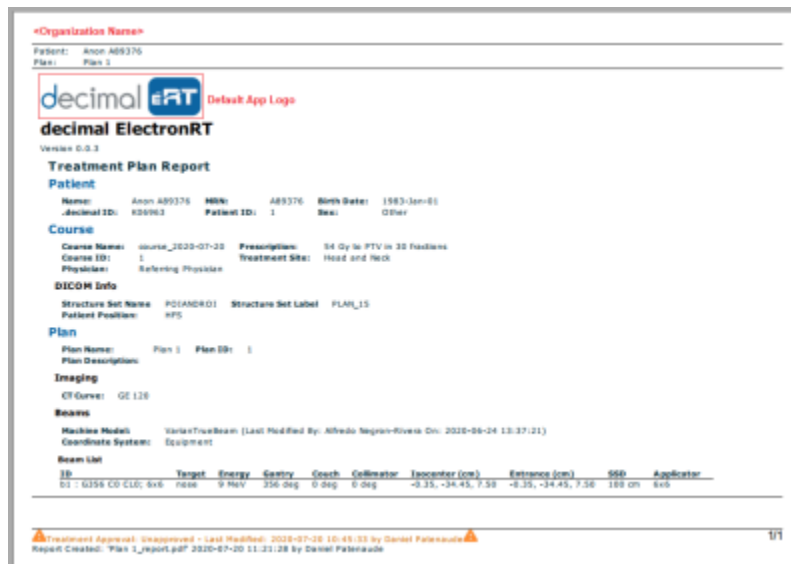

Fig. 2: Custom Header

Recommended Size

Since the custom header image is not scaled when placed into the report, it's recommended to use a size that does not interfere with the report contents or reduce the readability of the report.

As such, the recommended image size for a custom header logo is:

- **Width:** 200 to 500 pixels
- **Height:** 40 to 75 pixels

Larger sized images may still render correctly on the report as long as they fit a standard portrait letter size, but are not recommended since they may impact readability of the report. Images larger than the PDF page may have the image cropped to fit on a single page.

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
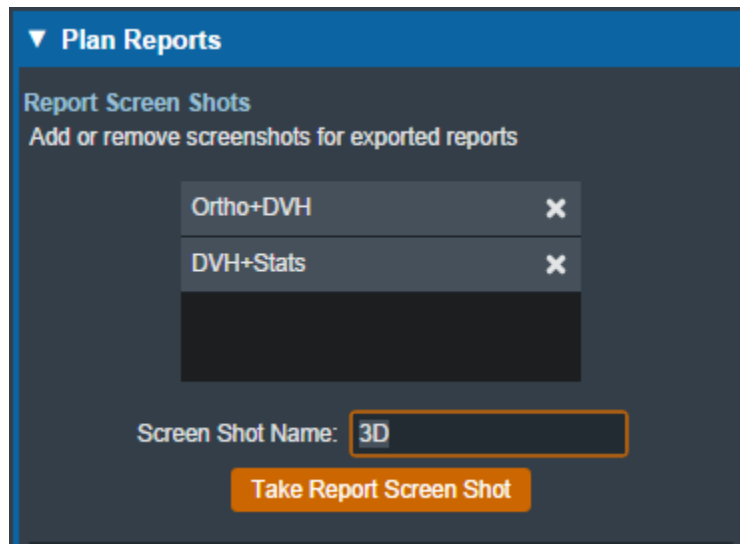
Fig. 3: Report Screenshots

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 choose 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 choose 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 refer to the Machine Geometry Settings.