DICOM Export

The ElectronRT App allows for the export of patient and plan information in the DICOM file format. If the treatment plan is not approved, authorization from a qualified user is required for this feature.

The user can choose to export the CT Images, RT Structure Set, RT Plan, and RT Dose as DICOM files. The exported CT Image DICOM files are the exact same as the ones used to create the patient withing the app. If the user has applied density overrides to any of the structures in the treatment plan, the exported RT Structure Set will include override material information for these structures. The exported The RT Dose can be exported as a single Plan level dose file as well as a separate file for each Beam dose.

For unapproved plans, new UIDs will be generated each time the plan is changed and DICOM files are exported. For approved plans, the DICOM UIDs will never change and always be the same each time a DICOM file is exported.

Local Export

The ElectronRT App allows the export of DICOM files to a local directory. A default DICOM export directory can be set in the site configuration.

Server Export

The app also allows the export of DICOM files to a DICOM server (AE title). When exporting to a DICOM server, the user can choose to export to a server defined in the site configuration or to a custom server.

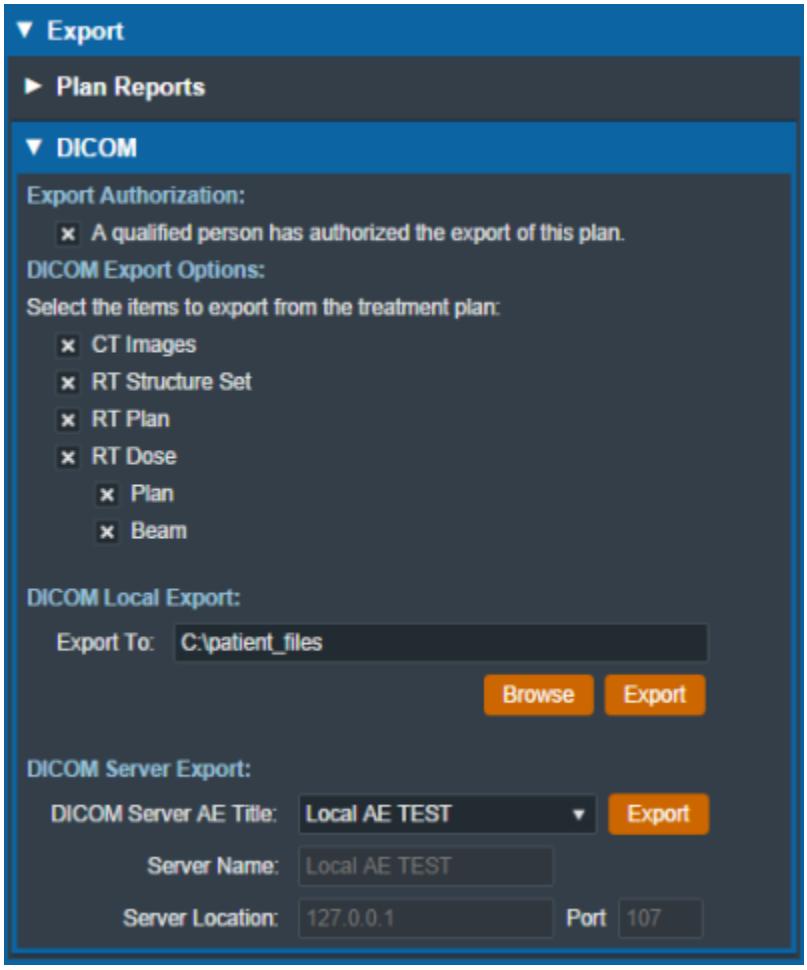

Fig. 1: DICOM Export UI