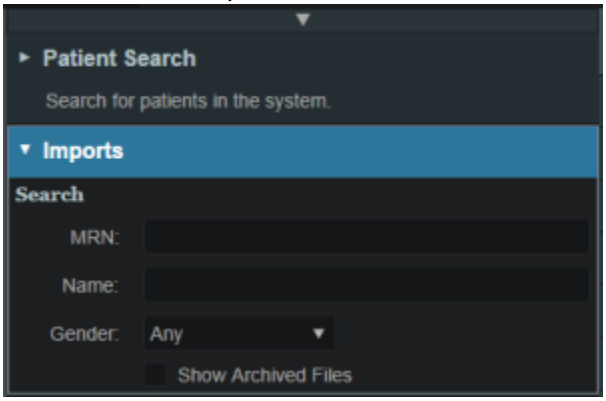
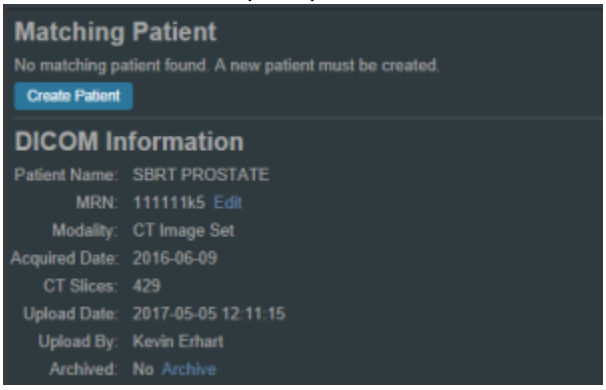
Importing Patient Data

Now that a patient has been uploaded from DICOM to the Thinknode RKS, the Planning App should recognize that new patient files are available to import into a Planning patient.

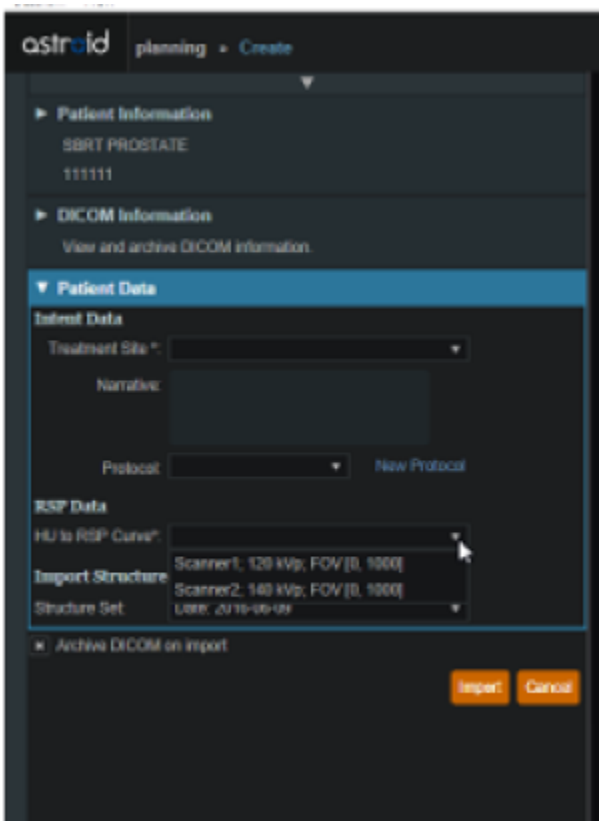
1. Open the Astroid Launcher and launch the Planning App from your realm
2. Once Astroid Planning starts, click on the Imports Block in the task control pane on the left side



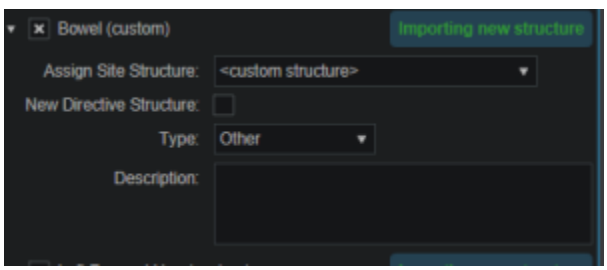
3. Select the CT image set from the list of available files for import
4. Ensure that the MRN is correct
5. Click the *Create Patient* button to start the import process



6. Ensure that the date and time displayed in Astroid matched the current date and time in the current Windows OS.
7. Fill in the requested Patient Intent, taking care to select the appropriate *Treatment Site* as this selection contains the template information that will be used during structure set import
8. Select the appropriate HU to RSP curve (as shown below)



9. The corresponding structure set (SS) file to import with these images will automatically be selected. The structures will show up below the Patient Data box in the Import structures box (note that the available choices will be automatically filtered based on the structure set DICOM UID information)
    1. The structures associated with the data set will be seen in a list of the available structures
    2. Here you may choose whether or not to import each structure by checking or unchecking the box beside each structure name
    3. Matched, Assigned, and Custom structures are designated with corresponding tags at the end of the structure name in the structure list
        1. You may only edit structures that are shown as *Custom*, which indicates the name did not exactly match a course structure from the *Treatment Site* template selected above
        2. For all custom structures, the type is by default set to “Other”, unless it contains the letters “TV” (as in PTV or CTV), in which case it is assigned the type of “Target”; the type may be changed here if needed
        3. Alternatively you may *Assign* a *Custom* structure to a course level template structure using the provided drop down menu (this is useful when structure names contain typos or contour names otherwise do not match your standard site protocols)
            1. Assigning a custom structure to a defined course structure will result in the imported structure inheriting all the predefined structure properties (e.g. name, type, color)



10. Once all structures have been selected, assigned, and edited as needed, click the *Import* button to create the patient and import the CT Images and Structures into it
11. The patient is now created and all available data has been imported
12. Click on the *Back to Import* button to return back to the *Imports* task

Structures in the Data Model

There are multiple levels that various structures can live at. Each level and structure type will effect how the structure will relate to the plan. Refer to the Structure Data Model Guide for more details.