

Creating a Plan

Once a Planning patient has been added, a new request and plan can be created.

1. From the *Patient list*, select the patient to open.
2. Open the patient by double clicking the patient row or selecting the *Open* button in the *preview UI*.
The *patient overview* will open up

The screenshot shows the 'astroid' application interface for a patient named 'SBRT PROSTATE'. The patient's MRN is 111111k5, Sex is Other, and Date of Birth is 1946-01-01. There is a checkbox for 'Show Deleted Entries'. Below this, there are two expandable sections: 'Course: course_2017-May-08' with an 'edit' button, and 'Patient Model: patient_model_2017-05-08' with an 'open' button. The 'Course' section shows details: Description: none, Physician: (blank), Treatment Site: Prostate_Protocol, and prescriptions: 0. The 'Patient Model' section shows: Created: 2016-05-09 06:34:25 and Position: flb. A red error message at the bottom states: 'Prescriptions must be added to the directive in order to add a plan.' There is also an 'Add Course' button.

3. The user may choose (not mandatory) to change the name of a course or enter course info such as the doctors name (chosen from the dropdown) or a description of the course. This can be done by clicking on the blue *Edit* button under *Course*

The screenshot shows the 'course_2017Jan17' edit form. At the top, patient information is displayed: Name: Prostate_Bed TG244, MRN: 002442, Sex: Male, Date of Birth: 1955-09-11, and Archived: No Archive. The 'course_2017Jan17' section has a 'Show Info' button. Below this, there are input fields for 'Name' (containing 'course_2017Jan17'), 'Description' (empty), and 'Physician' (a dropdown menu with 'New Physician' as an option). There are 'OK' and 'Cancel' buttons. Below the 'Physician' field, there is an 'Add Intent' section with 'intent_curative_2017Jan17' and a 'Show Info' button, and an 'Add Directive' section with 'directive_2017Jan17' and a 'Show Info' button. Both 'intent' and 'directive' sections have 'open' buttons. Below these, there is a 'snapshot_2017Jan17' section with a 'Show Info' button and an 'open' button. A red error message at the bottom states: 'Phases must be added to the directive in order to add a request.'

4. The *Intent* information is retrieved from the information the user filled in while importing the patient; so nothing is needed done.
5. Open the *Directive* by clicking on the blue *Open* button
6. The *Directive* information is **mandatory** to fill out in order to proceed with planning.
7. The *Goals* is where the user will fill out what “goals” they would like to see achieved by the plan. The choices in the drop down will be set by the treatment site template that is chosen during the import process. The user can select doses for tumor volumes as well as Organs at Risk (OAR)



8. add info about what roles each play.
9. The next part of the *Directive* to be filled out is the *Phases*
10. Choose *New Phase* under *Phases*
11. The *Phase* label is free text that the user will fill in
12. This is where the user will fill in the number of fractions and the prescription that is desired.

13. Multiple phases may be created at this point. An example would be a base plan and a boost.
14. The user should click the orange *Done* button when finished
15. At this point the user will need to click on the patient's name in the top row. This will bring the user

back to the *patient overview*.

16. The user can then go to the *Snapshot* (see [Snapshots](#)) or add a *request*

17. To add a *Request* click on the blue *Add Request* underneath *Snapshot*. Then click on the blue *edit* button.

Name: Prostate_Bed TG244
 MRN: 002442
 Sex: Male
 Date of Birth: 1955-09-11
 Archived: No Archive

▼ course_2017Jan17 Show Info
 edit

Add Intent

▼ intent_curative_2017Jan17 Show Info
 open

Add Directive

▼ directive_2017Jan17 Show Info
 open

▼ snapshot_2017Jan17 Show Info
 open

Add Request

▼ request 1 Show Info
 open

Add Plan

1. A phase *must* be chosen at this point. To do so click on the blue *Edit*

There are no phases for this request

Edit

2. Choose the phase from the drop down.

There are no phases for this request

Add Phase ▼

3. The next step is to choose whether all fractions (All) are going to be implemented in this phase or if just a certain number (Count).

50.4 Gy(RBE) to PTV_5040 in 28 fractions

Fractions: ☒ All
 Implement all fractions in this phase.

☐ Count
 Implement the following number of fractions.

Add Phase ▼

4. Click the orange *Done* button in the bottom right of the column. Then click on the patient name to go back to the *patient overview*

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