Plan Approval

Before users are able to order blocks or boluses in the ElectronRT app, the plan for those parts must be approved by a user with physician permissions. This action ensures parts are not ordered for plans that have not been properly reviewed.

Approved plans differ from unapproved plans in the following ways:

- 1. They are read only and no treatment plan data can be changed
- 2. The plan dose and hardware devices are no longer being recomputed in the UI. On approval those items are saved to the patient disk storage to ensure they never change from how they were viewed at the time of approval
- 3. The Ordering and Plan QA blocks are enabled
- 4. Plans can not be unapproved

🚮 d	ecimal ElectronRT						
Session View							
.decimal ert » ECT Nose [Nose]							
▼							
Name: ECT Nose							
MRN: Nose							
Sex: Other							
Date of Birth: 1800-01-01							
	Show Archived Entries						
•	Course: course_2020-08-12		edit				
L	Physician: Dr. Jones Prescriptions: 50 Gy to PTV, 50 Gy to PTV in 30 fractions Treatment Site: Head and Neck Last Modified: 2020-08-13 10:54:39						
	Plan: Plan for Approval		open				
L	Last Modified: 2020-08-13 15:12:06 By: Camilo Montoya Description:						
	Plan: Plan without beam		open				
	Last Modified: 2020-08-13 15:12:24 By: Carnilo Montoya Description:						
•	+ Add Plan						

Fig. 1: Plan selection with no approvals

When a user goes to select a plan for a course for their patient, they will be able to tell if the plan is approved or not. Plans that are green are approved while unapproved plans are the standard blue.

Approved plans also state the time they were approved and by which user in order to maintain integrity with the plan.

•	C	ourse: course_2020-08-12	edit
	Tr L	Physician: Dr. Jones Prescriptions: 50 Gy to PTV, 50 Gy to PTV in 30 fractions Freatment Site: Head and Neck Last Modified: 2020-08-13 10:54:39	
	•	Plan: Plan for Approval 📴 🖻	view
		Approved: 2020-08-13 15:29:05 By: Camilo Montoya Description:	
	Ŧ	Plan: Plan without beam 🔋 🖃	open
		Last Modified: 2020-08-13 15:12:24 By: Camilo Montoya Description:	
		+ Add Plan	

Fig. 2: Plan selection with an approved plan

Approving a plan

In order to approve a plan a user must simply open the plan they wish to approve and select the "Approve" option inside the general block.

NOTE: The option will not appear in the following situations:

- The user does not have permission to approve plans
- The plan has no valid beams/ or there are un-handled errors with the existing beams
- The plan does not have valid dose

In any of these cases the general block will look as such:

🤠 decimal ElectronRT						
Session View						
.decimal eRT » ECT Nose [Nose] » Plan without beam						
						
▼ General Info						
Plan Info Plan name: Plan without beam Plan description:						
Edit / Rename						
History						
Number of revisions: 1						
Created by: Camilo Montoya						
Creation Date: 2020-08-13 15:12:24						
Last modified by: Camilo Montoya						
Last modified date: 2020-08-13 15:12:24						
 Plan database info 						
► Patient Geometry						
0 planning points 0 uniform thickness boluses						
► Imaging						
CT curve: GE 120 0 structures have density overrides						
Beams 0 electron beams						
► Export						

Fig. 3: Approval option hidden

After logging in with an appropriate user and opening a plan that is ready for approval you should see the option available in the general block.



Fig. 4: Approval option available

After selecting to approve a plan a user must confirm their selection. They will also have a final opportunity to change the Name and/or Description for the final plan.

· · · · · · · · · · · · · · · · · · ·					
▼ General Info					
Plan Details					
Name:	Plan for Approval				
Description:					
	Approve				
	Approve Calicer				

Fig. 5: Import Directory Input

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