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# **DICOM Patient Import**

## **Importing a New Patient**

# ✤ Fix Me!

If you have a set of Ct Images and structures you can import them directly into a new patient through the "Import Patients" menu.



#### Fig. 1: Import in the Main App Page

Selecting the "Import New Patient" option will open the Importing UI.



Fig. 2: Import Directory Input

Here you may either browse your computer or copy the path to the folder that contains the CT images and structures you wish to import.

Then the import will proccess:

	Importing DICOM Files. Please wait	
<u> ۲</u>		
	Step: Writing Course data to disk (Step 2 of 2)	

#### Fig. 4: Import Loading screen

If there are no Errors while importing you will be taken to a confirmation page for your import.

MRN: Nose	
- POL_3 - POL_4	

Fig. 5: Import Finalized

If there are errors please refer to the Common Errors section below.

### **Common Errors**

#### **Missing/Undefined External Structure**

If the structure set that is being imported does not have a set external structure you will be directed to select the external from the structure set before the import resumes.

Frors Fou	nd During Import
lease refer to a	d address the following error(s):
External struct	ure not found in the structure set. Please select a structure to use as the
external struct	ve.

The drop down menu will have a list of the structures in the imported set. You will be able to select one as the external for this course then confirm your choice by pressing "Set External"

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e structure set. Please select a structure to use a	is the
Set External	
,	Set External

#### Fig. 7

### **Importing an Existing Patient**

If the files you have selected to import coincide with the MRN of a patient that already exists in the app you will receive this error.



#### Fig. 9

You have three options provided to resolve the error:

- 1. Import to a New Course
- 2. Re-Import Structures
- 3. Do Nothing

#### Import to a New Course

Importing to a new course will simply complete the import but instead of affecting existing courses or plans for the patient the app will create a new course for this patient using the new import.



#### Fig. 10

#### **Re-import Structures**

Re-Importing structures can be used if your goal is to update or add structures to your existing patient.

	ss the following error(s):	
Patient MRN already ex	cists in database.	
Series UID found in exi	isting course. Please select an option for import.	
Reimport Structures	•	
Errors Found D	uring Import	
Errors Found D	ss the following error(s):	

#### Fig. 11

After selecting this option you will be presented with a list of the structures in the import.

For each you may select one of three options:

- 1. Do not reimport: skips this structure for the re import.
- 2. Replace existing geometry: replaces the existing structure with the imported one.
- 3. Import as new structure: Imports the structure as brand new not affecting the existing one. Also if the structure does not exist currently it creates it as normal.

lease refer to and address the following error(s):				
Patient MRN already exists in database. Series UID found in existing course. Please Reimport Structures •	select an option for import.			
rrors Found During Import				
lease refer to and address the following error(	9]:			
ידע	Do Not Reimport 🔹			
2TV 6840	Do Not Reimport 🔹			
tt Parotid	Do Not Reimport 🔹			
Cond	Do Not Reimport 🔹			
Cord+5	Do Not Reimport 🔹			
Ant avoid	Do Not Reimport 🔹			
Post avoid	Do Not Reimport 🔹			
t Eye	Do Not Reimport 🔹			
t Eye	Do Not Reimport 🔹			
Diternal	Do Not Reimport 🔹			
IOI US 1CM	Do Not Reimport			

#### Fig. 12

Once you have made your decision for each structure you must select "Re Import Structures" to finalize your changes.

nose		Do Not Reimport 🔹
90 % (Trial_1)_1		Replace Existing Geometry 🔹
Structure: 90 % (Trial_1)_1	•	
Electron Bolus		Replace Existing Geometry 🔹
Structure: Electron Bolus	•	
		Re-Import Structures
		Cancel

#### Fig. 13

#### **Do Nothing**

This is the simplest action, selecting to do nothing will cancel your import and return you to the main menu.



#### Fig. 14

From: https://apps.dotdecimal.com/ - **decimal App Documentation** 

Permanent link: https://apps.dotdecimal.com/doku.php?id=electronrt:userguide:tutorials:dicom\_import&rev=1595440973

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