



# ***Weekly Meeting with Dr. Hannah***



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# Task 1 – Updating the Main Prospective Sheet

Updated clinical fields for both new + old patients

- Used  
“Data”



**Diagnosis**

Patient's current diagnosis for clinical context.



**Radiation Status**

Details if radiation is primary or post-operative.




**RTSTRUCT Status**

Status of the RTSTRUCT for radiotherapy planning.



**GTV in RTSTRUCT**

Indicates presence of Gross Tumor Volume in RTSTRUCT.



**Queries and Comments**

Any queries or comments regarding patient's clinical data.

in sheet:

## Deep Dive into the Problem Identified

- Found **~143 patients** with:
  - RTSTRUCT marked as **received**
  - But **missing GTV status**
- Upon review, found that many of them **already had REDCAP IDs** in the REDCAP portal
- ◦ And **missing REDCAP ID**
- Realized there might have been **unintentional gaps in updates** over time
- Initially thought these patients **needed new REDCAP IDs**
- This would have **led to duplicate entries in the REDCAP portal**

**RTSTRUCT VS REDCAP IDs –  
Preventing Duplication and  
Confusion”**

## Task 2 – Checking Missing Slices Before Deletion of 2022 CT Simulator Data

### Action Taken:

- Initial AWS check showed 2022 data exists in backup — but script ran too fast to validate instance-level integrity.  
**Next Step – Slice Integrity Check:**
- Wrote `check_missing_slices.py`
- Wrote `export_2022.py` to extract and log:
  - Validated presence of all expected CT instances per patient
  - `PatientID, StudyDate, SeriesDate, SOPInstanceUID, Key`  
→ Found missing 0.6 mm slices in several patients
  - Stored in `backup_2022.csv`