

Weekly Meeting with Dr. Hannah



Presenter: Hasan Shaikh
Quantitative Imaging Research and
Artificial Intelligence Lab (QIRAIL)

Week: 24th May to 30th May, 2025

1. Manage Prospective Data and Backups:

- Updated the prospective sheet up to **27th May 2025**.
- Requested Dr. Hannah to maintain **multiple backup copies** of the prospective sheet.
- Executed backup routines for the **Orthanc DICOM data**.
- Completed a full **system update** to ensure stability.
- Followed up with Dr. Hannah to check if they are currently onboarding any new interns.

2. Coordinate with Nabeel on nnU-Net Model Result:

- Confirmed with **Nabeel** that model training began last week.
- Awaiting final **trained model and performance results**.

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3. Finalize and Submit Grant Application:

- Completed the **NVIDIA Academic Grant Proposal** and shared it with Dr. Hannah for review.

4. Communicate Leave Plans:

- Notified the team about **planned leave from 5th to 10th June** for travel to Hyderabad during **Eid festival**.

Week: 31st May to 4th June, 2025

1. Implemented the LLM-driven Multimodal Model

- Oh, Y., Park, S., Byun, H.K. *et al.* **LLM-driven multimodal target volume contouring in radiation oncology**. *Nat Commun* 15, 9186 (2024).
<https://doi.org/10.1038/s41467-024-53387-y>

Week: 5th June to 10th June, 2025

1. Risk Prediction Analysis:

- Successfully created the Requirement Plan: Risk Prediction Dashboard.
- Successfully created the Implementation Plan: Risk Prediction Dashboard.