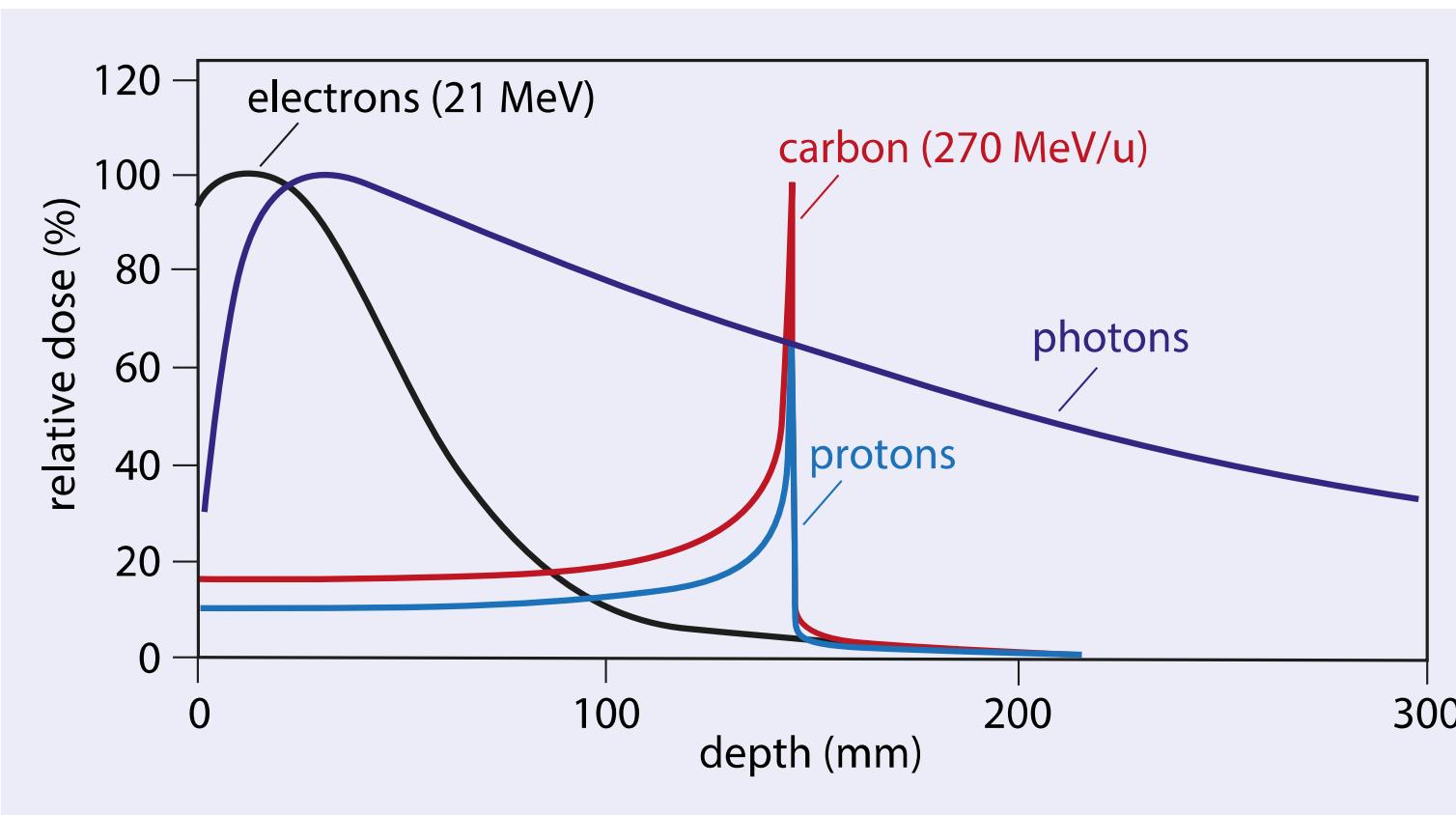




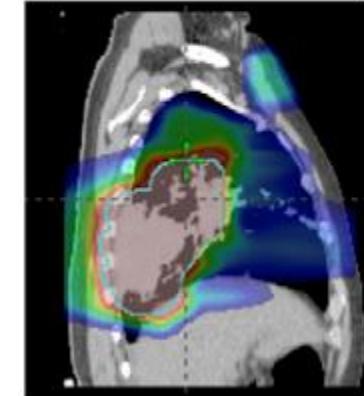
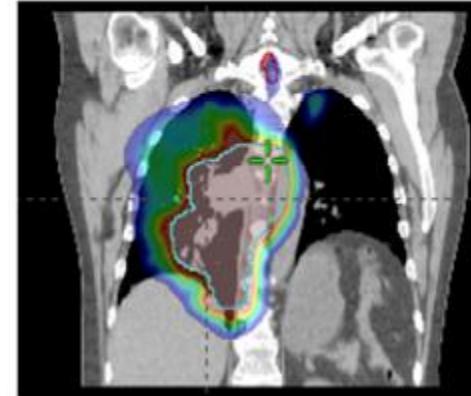
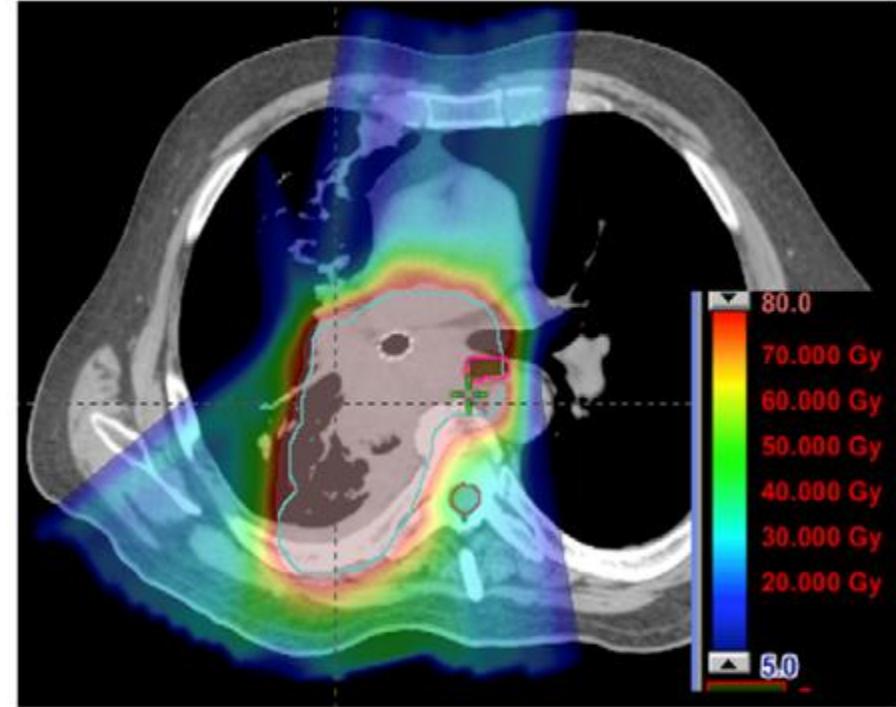
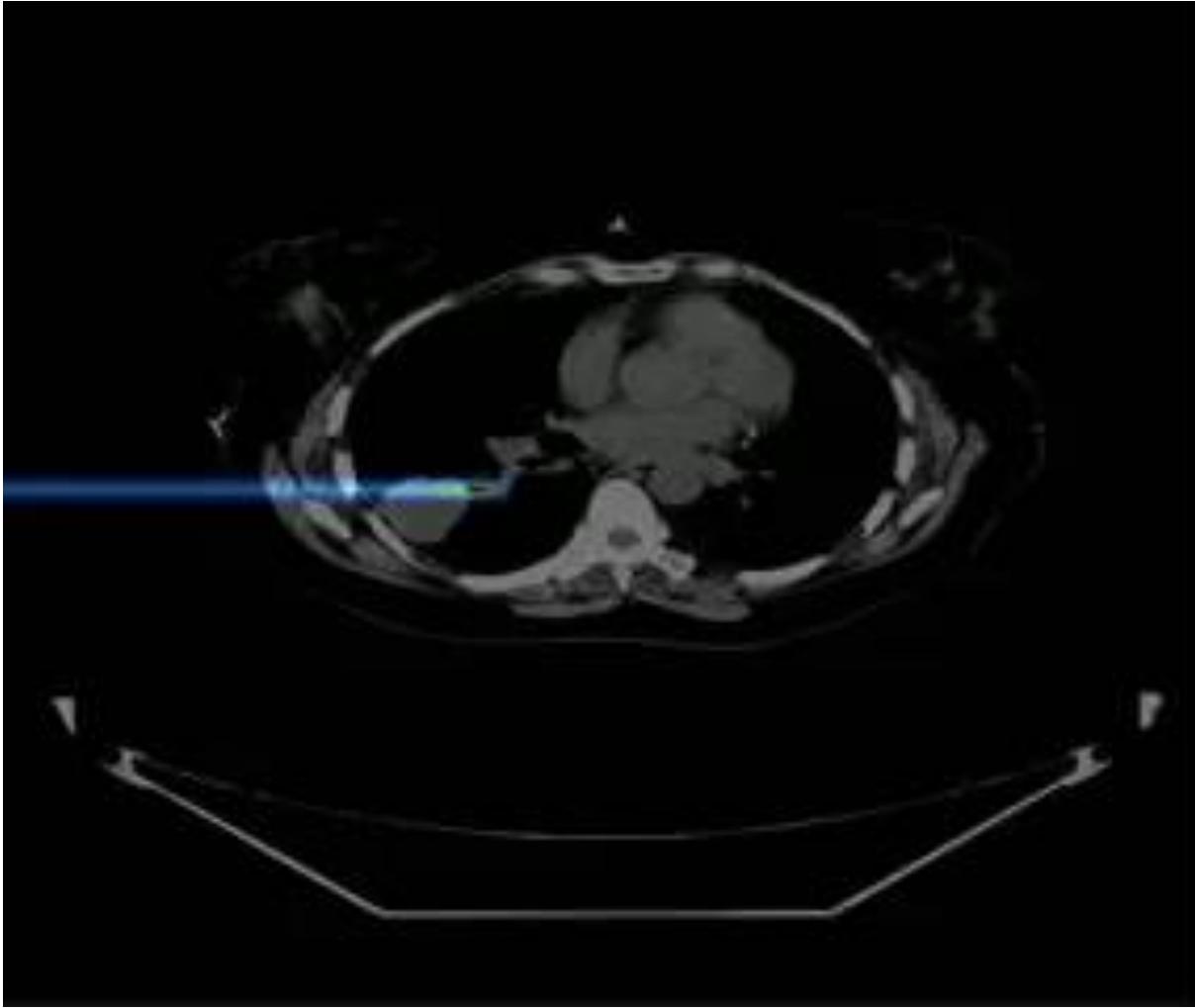
Proton Beam Therapy

- Proton Beam Therapy uses accelerated proton beams for high precision radiotherapy.
- Superior dose delivery to X-rays.



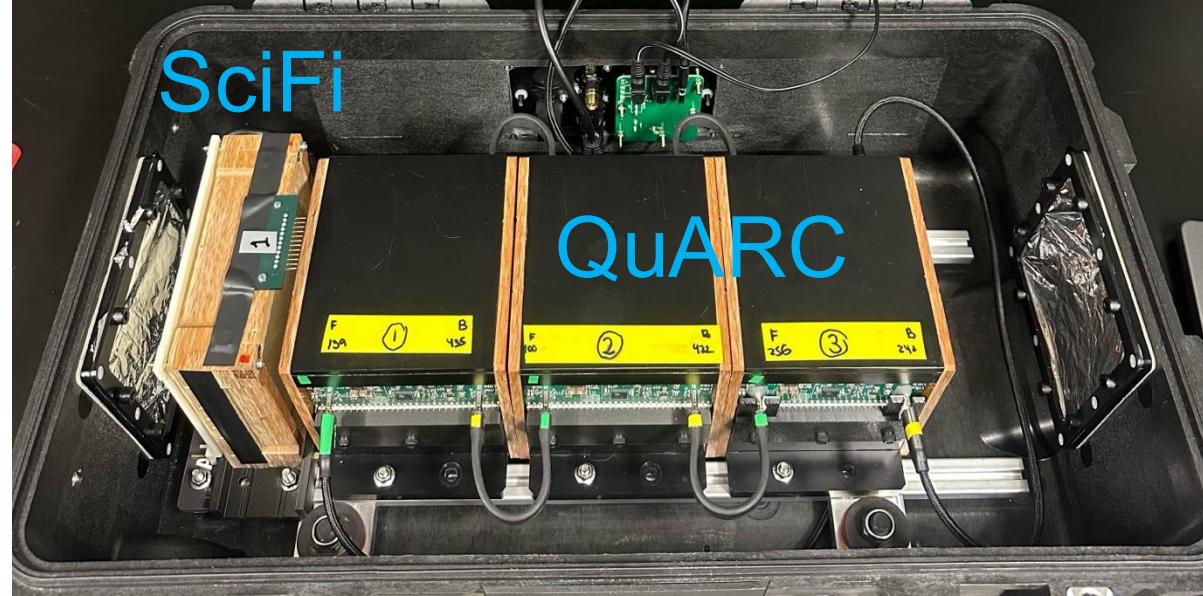
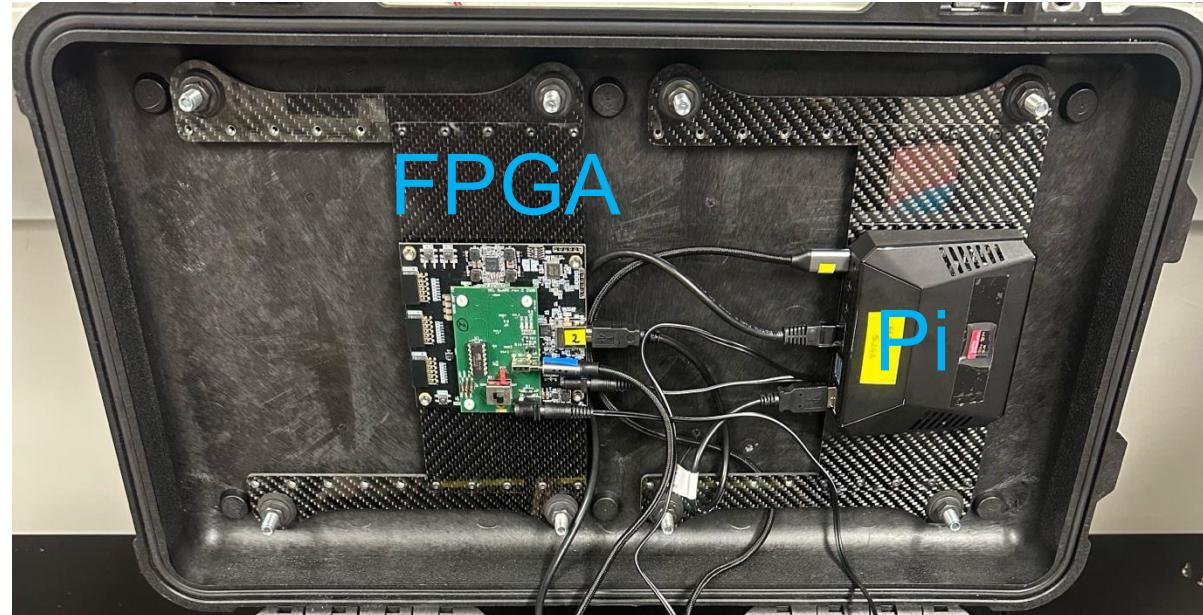
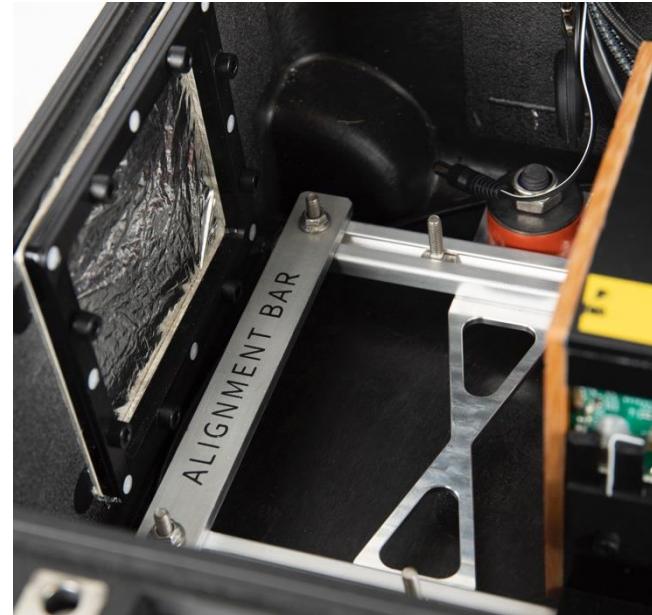


Pencil Beam Scanning





Quality Assurance Detector for Proton Beam Therapy





PhD in PBT

4



- Detector development, data analysis and clinical measurements for improved cancer treatment.
- Develop front-end electronics and data acquisition system.
- Integrated GUI with range telescope (QuARC) and scintillating fibre profile monitor.
- Optimise fast spot scanning with Machine Learning.
- Integrate realtime dose monitoring.
- Install in a hospital...

