



The Medical Physicist in Nuclear Medicine

Jenny McCormick
Nuclear Medicine Physicist

My Career Progression

- 2018-19 MSc Medical Physics at Aberdeen
- 2019-21 Trainee Clinical Scientist (SMPCETS)
- 2021-22 Permanent role as a Clinical Scientist in Aberdeen
- 2022-Present Physicist in Nuclear Medicine

Clinical Responsibilities

- **Authorisation of imaging requests**
- Checking of activity prior to injection
- Checking of images after acquisition
- Image processing and analysis
- Reporting of images
- Contamination monitoring

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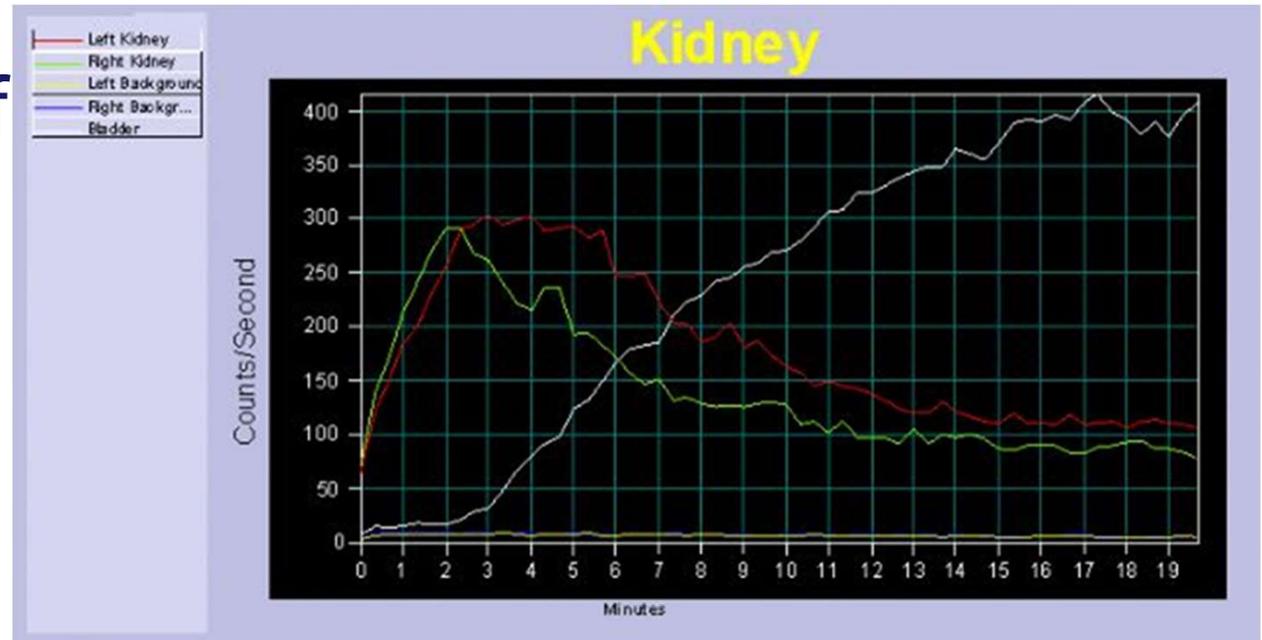
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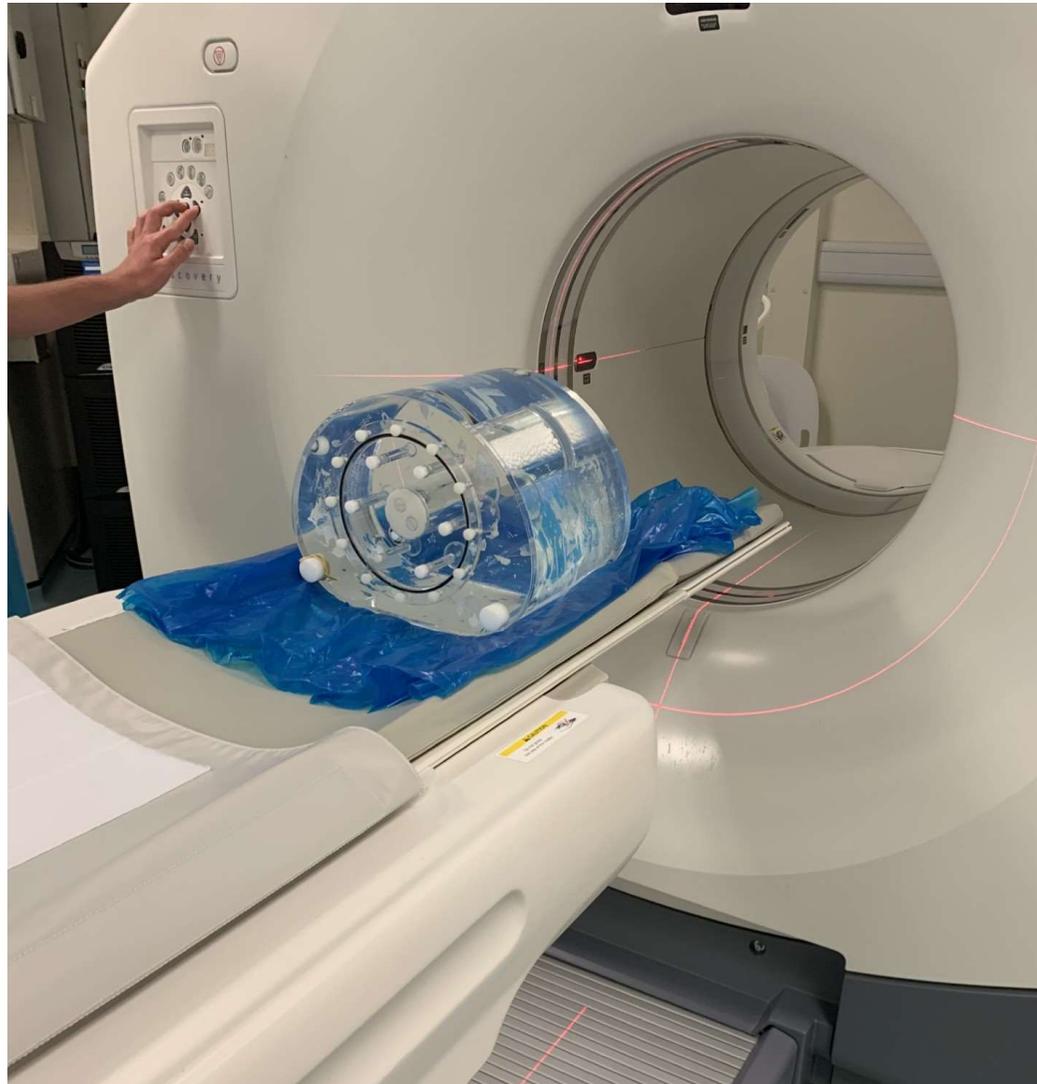
- Procurement of imaging systems
- Commissioning of imaging systems and non-imaging equipment

- Daily, weekly & quarterly QC tests
- First-line fault finding and repair
- Preparing Medical Physics Expert portfolio and gaining experience

Clinical Responsibilities



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Teaching



- Lectures, practicals and project supervision with Medical Physics MSc
- Working with trainees for Scottish Medical Physics Training Scheme
- Attachments with 2nd and 5th year Medical students

Research



- Propose, develop and carry out imaging research
- Make applications for funding from Charities, Endowments, etc
- Facilitation of national and international trials
- Completion of QC programs for necessary licences for all trials

Professional



- Manage the gamma probe service
- Write risk assessments and protocols
- Sit on NHS Grampian Healthcare science forum
- Sit on internal groups such as NM IRMER, radioiodine, cyclotron service development

Any Questions?

