Quantification in SPECT and PET Update
27th April 2023 – Online

09:30 – 09:35	**Welcome & Introduction**
09:35 – 10:05	**Quantitative SPECT: Opportunities and Challenges**
	John Dickson, University College London Hospitals NHS Foundation Trust
10:05 – 10:20	**Q&A Discussion: Opportunities & Challenges**
10:20 – 10:40	**SUV Fluctuations in "Identical" PET Reconstructions caused by Siemens Vision 600 Continuous Bed Motion Acquisition And Reconstruction Process**
	Mary Dempsey, NHS Greater Glasgow and Clyde
10:40 – 10:55	**Coffee Break**
10:55 – 11:15	**Effect of collimator and method of semi-quantification on DaTSCAN striatal binding ratios**
	Robyn Cooke, County Durham and Darlington NHS Foundation Trust
11:15 – 12:00	Interactive Panel discussion

12:00 – 13:00	**Lunch Break**
13:00 – 13:30	**Physics Aspects on Image-Based 177-Lu Therapies**
	Michael Ljungberg, Lund University
13:30 – 13:50	**The establishment, validation and investigation of the potential applications of quantitative SPECT CT within Lu-DOTA TE in therapy monitoring**
	Alisia Maldon-Stanley, Imperial College Healthcare NHS Trust
13:50 – 14:20	**Quantification of Amyloid PET/CT scans**
	Neva Patel, Imperial College Healthcare NHS Trust
14:20 – 14:40	**Phantom Validation of SPECT-CT Quantification with Varying Tc99m Uptake**
	Christine Turner, Swansea Bay UHB
14:40 – 14:50	**Questions**

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Programme subject to change

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