

NUCLEAR MEDICINE COURSE 11 – 14 MARCH 2025
1st Floor Meeting Rooms, Brookes Lawley Building, Institute of Cancer Research,
15 Cotswold Road, Belmont, Sutton,
Surrey SM2 5NG

	Tuesday 11 March Radionuclides & radiation protection Registration and Coffee and Course introduction <i>Dr Iain Murray</i>		Wednesday 12 March Gamma camera imaging	Thursday 13 March PET/CT	Friday 14 March Internal dosimetry
9.45 – 10:15		09:30 – 10:15	LECTURE 7 The Gamma Camera <i>Mr Bruno Rojas</i>	LECTURE 15 Principles of CT imaging <i>Dr Jamie Dormand</i>	LECTURE 22 Introduction & the MIRD schema <i>Dr Manuel Bardies</i>
10:15 – 11:00	LECTURE 1 Physics for Nuclear Medicine <i>Dr Jan Taprogge</i>	10:15 – 11:00	LECTURE 8 Nuclear Medicine Imaging Techniques <i>Dr Jonathan Gear</i>	LECTURE 16 PET Instrumentation <i>Dr Iain Murray</i>	LECTURE 23 Quantitative imaging <i>Dr Jonathan Gear</i>
11:00 – 11:45	LECTURE 2 Radionuclide production <i>Jennifer Robinson</i>	11:00 – 11:15	Coffee	Coffee	Coffee
		11:15 – 12:00	LECTURE 9 SPECT Imaging <i>Dr Jonathan Gear</i>	PET Instrumentation (<i>cont.</i>)	LECTURE 24 Absorbed Dose Calculation Algorithms <i>Dr Manuel Bardies</i>
11:45 – 12:45	LECTURE 3 Radiopharmaceuticals <i>Stephen Howell</i>	12:00 – 12:45	LECTURE 10 Iterative reconstruction <i>Dr Iain Murray</i>	LECTURE 17 PET Tracer production & molecular targeting <i>Manoj Ojha</i>	LECTURE 25 Applications of internal dosimetry <i>Dr Jonathan Gear</i>
12.45-13.45	Buffet Lunch (<i>provided</i>)	12.45-13.45	Lunch	Lunch	Lunch
13:45–14:30	LECTURE 4 Nuclear Medicine / PET Case Studies <i>Dr Daniel Levine</i>	13:45 – 14:30	LECTURE 11 Nuclear Medicine / PET Case Studies <i>Dr Brent Drake</i>	LECTURE 18 Principles of Tracer Kinetics <i>Dr Jan Taprogge</i>	LECTURE 26 (13:45-14:45) Radiobiology for MRT <i>Paul Gape</i>
14:30-15:15	LECTURE 5 Radiation detectors <i>Dr Dimitra Darambara</i>	14:30 – 15:15	LECTURE 12 Quality Control and performance assessment of gamma camera systems <i>Dr Allison Craig</i>	LECTURE 19 The Future of Nuclear Medicine <i>Dr Nabil Hujairi</i>	LECTURE 27(14:45-15:30) Dosimetry in Clinical Therapies <i>Dr Allison Craig</i>
15:15 – 15:30	Tea	15:15 – 15:30	Tea	Tea	Tea
15:30 – 16:15	Radiation detectors (<i>cont.</i>)	15:30 – 16:15	LECTURE 13 Image Processing Techniques <i>Dr Iain Murray</i>	LECTURE 20 PET in Radiotherapy <i>Dr Iain Murray</i>	LECTURE 28 (15:45-17:00) Practical Session <i>Dr Glenn Flux</i>
16:00 – 17:00	LECTURE 6 Radiation Protection in Nuclear Medicine <i>Dr Allison Craig</i>	16:15 – 17:00	LECTURE 14 Advances in Gamma Camera Technology <i>Mr Bruno Rojas</i>	LECTURE 21 Advances in PET Technology <i>Dr Iain Murray</i>	