

MONDAY 18TH MAY							
	HALL 3		HALL 4		HALL 11C - cap 95		HALL 11B
9.00	Symposium Registration						
				09.30 - 10.15	Evolution of PRRT Therapy - sponsored by AAA		
10.00 - 10.25	Bootcamp Registration & refreshments in foyer				BREAKFAST SYMPOSIUM		
10.25 - 10.30	Welcome Dr J Buscombe						
10.30 - 12.00	Bootcamp Session 1 NETS	10.30 - 12.00	Bootcamp Session 2 Regulations and risk assessments			10.30 - 12.00	RTN Bootcamp Session 1 - Advanced Practice for RTNs
	Chairs: TBC		Chairs: TBC				Chairs: TBC
10.30 - 10.35	Introduction Dr Simon Hughes <i>University Hospitals Birmingham</i>	10.30 - 11.00	ONR - transport regs. Simon Clark <i>Office for Nuclear Regulation</i>			10.30 - 11.00	Advanced Practice in Radionuclide Therapies Sarah Atkinson <i>Newcastle Hospitals</i>
10.35 - 10.55	Overview of Clinical Management of NET Dr Tahir Shah <i>Queen Elizabeth Hospital Birmingham</i>	11.00 - 11.30	HSE Karen Fuller <i>Health and Safety Executive</i>			11.00 - 11.30	Advanced Practice in Nuclear Cardiology Mark McDade <i>Glasgow Royal Infirmary</i>
10.55 - 11.15	Range of systemic therapies available for NET management Dr Ian Geh <i>University Hospitals Birmingham</i>	11.30 - 12.00	Inspector Calls Dr Julie Speakman <i>Royal Derby Hospital</i>			11.30 - 12.00	Nurse practitioner Prescribing Liz Garth <i>Salford University</i>
11.15 - 11.35	Pathology of NET tumours in diagnosis and management. Dr Mona ElElshafie						
11.35 - 11.55	CT and MR imaging in the management of NET Dr Hulya Weissman <i>Aintree Hospital, Liverpool</i>						
12.00 - 12.30	Refreshment break in EXHIBITION HALL				Refreshment break		
12.30-13.30	Bootcamp Session 3		Bootcamp Session 4 Practical dose calculations for risk assessments				RTN Bootcamp Session 2 - Non-Medical Reporting
	Chairs: TBC		Chairs: TBC				Chairs: TBC
12.30 - 12.50	Octreotide imaging in the multi staging imaging of NET tumours Prof. Sobhan Vinjamuri <i>Royal Liverpool Hospital, Liverpool</i>	12.30 - 12.55	Talk Title TBC Matt Memmott			12.30 - 13.00	Pathway to Becoming a Non-Medical Reporter in Nuclear Medicine Jo Weekes <i>Royal Wolverhampton Hospital</i>
12.50 - 13.10	DOTApeptide imaging in the multi staging imaging of NET tumours Dr Shaunak Navalkisoor <i>Royal Free Hospital, London</i>	12.55 - 13.20	Talk Title TBC Bill Thomson			13.00 - 13.30	Basics of Non-Medical Reporting Sarah Stace <i>Hywel Dda Health Board, Pembrokeshire Wales</i>
13.10 - 13.30	Expert panel discussion of complex cases Dr Simon Hughes <i>University Hospitals Birmingham</i>	13.20 - 13.30	Discussion				
13.30 - 14.30	Lunch break exhibition hall		Lunch break		Lunch break		Lunch break
13.45 - 14.15	Poster judging Exhibition Hall						
14.15	Welcome Dr J Buscombe						
14.30 -16.00	Session 1 - Artificial Intelligence	14.20 - 16.20	SESSION 3 - YIP	14.30 - 16.00	MRT TRAINING SESSION 1	14.30 - 15.00	Invited Presentation
	Chairs: TBC		Chairs: TBC				Chairs: TBC

14.30 - 15.00	Clinical applications of artificial intelligence algorithms in nuclear cardiology Dr Piotr Slomka <i>Cedars-Sinai Medical Center, Los Angeles, California</i>	14.20 - 14.40	1 - [¹⁸F] fluorocholine (FCH) PET/CT in persistent/recurrent primary hyperparathyroidism <u>Mitesh Naik</u> , Sairah Khan, Neva Patel, Laura Perry, Ali Alsafi, Chris Harvey, Luis Alves, Fausto Palazzo, Tara Barwick <i>Imperial College Healthcare NHS Trust, London, United Kingdom</i>	14.30 - 14.40	Introduction to therapy types & theranostics (131I –thyroid Ca, mIBG, PSMA, DOTATATE, SIRT) Dr Daniel McGowan <i>Churchill Hospital, Oxford</i>	14.30 - 15.00	Education & Practice of Nuclear Medicine in Portugal: overview and challenges Pedro Costa <i>ESS Porto, Portugal</i>
15.00 - 15.30	TexRAD Texture (Radiomics) analysis of imaging data - ready for routine clinical use Dr Balaji Ganeshan <i>Global Business Development Director at Feedback Medical Ltd</i>	14.40 - 15.00	2 - Impact on SPECT Reconstruction of Iterative Metal Artefact Reduction <u>Lauren Urruhart</u> , Colin Brown, Sandy Small <i>Gartnavel General Hospital, Glasgow, United Kingdom</i>	14.40 - 14.50	Introduction to MIRD Mr Bruno Rojas-Fisher <i>Royal Marsden Hospital</i>	15.00 - 16.00	RTN Session 1: Implementing New Technologies in Nuclear Medicine Chairs: TBC
15.30 - 16.00	Exploring PET-CT services internationally: an International Cancer Benchmarking Partnership (ICBP) perspective Ms Charlotte Lynch <i>Cancer Research UK</i>	15.00 - 15.20	3 - Radioiodine I-131 therapy: A service evaluation of clinical outcome, patient experience and compliance with protocol <u>Shaun Johns</u> ¹ , Jilly Croasdale ¹ , Alp Notghi ² <i>1Birmingham City Hospital, Radiopharmacy, Birmingham, United Kingdom. 2Birmingham City Hospital, Nuclear Medicine, Birmingham, United Kingdom</i>	14.50 - 15.00	Data acquisition Ms April-Louise Smith <i>Institute of Nuclear Medicine, UCLH</i>	15.00 - 15.30	Procurement to productivity - a SPECT/CT journey Lubna Hussain <i>Hillingdon Hospital</i>
		15.20 - 15.40	4 - Validation of the Siemens e7-tools off-line PET image reconstruction software <u>George Needham</u> ^{1,2} , Christopher Oldfield ³ , Peter Julian ² , Dave Cullen ¹ , Jose Anton-Rodriguez ^{2,3} , Ian Armstrong ³ , Bal Sanghera ⁴ <i>1University of Manchester, Manchester, United Kingdom. 2The Christie NHS Foundation Trust, Manchester, United Kingdom. 3Manchester University NHS Foundation Trust, Manchester, United Kingdom. 4Paul Strickland Scanner Centre, Mount Vernon Hospital, Northwood, United Kingdom</i>	15.00 - 15.10	Data processing Mr Matthew Aldridge <i>UCLH</i>	15.30 - 16.00	Experience of a new generation PET/CT – first impressions Virginia Espanola <i>University College Hospital</i>
		15.40 - 16.00	5 - The clinical utility of [¹⁸F]FDG - PET/CT in MDR-TB patients with residual CT abnormalities <u>Mirae Park</u> ^{1,2} , Dijay Dave ³ , Georgina Russell ¹ , Laura Martin ¹ , Ajit Lalvani ² , Onn Min Kon ^{1,4} <i>1Imperial College Healthcare NHS Trust, London, United Kingdom. 2National Institute for Health Research, Imperial College London, London, United Kingdom. 3Imperial College London, London, United Kingdom. 4National Heart and Lungs Institute, London, United Kingdom</i>	15.10 - 16.00	Workshop - whole body monitoring Dr Jill Tipping <i>The Christie Hospital, Manchester</i>		

		16.00 - 16.20	6 - Multi-modality Diagnostic Characterization of [¹⁸F]FDG-avid Thyroid Incidentalomas in relation to the British Thyroid Association Guidelines Sabyasachi Bandyopadhyay ¹ , Achuth Hosur ¹ , Kimberly Allan ¹ , Ting Ting Zhang ¹ , Charles Sayer ¹ , James Hunter ² , Mark Aplin ¹ , Nitasha Singh ¹ , Sabina Dizdarevic ^{1,3} ¹ Brighton & Sussex University Hospital NHS Trust, Brighton, United Kingdom. ² Clinical Imaging Science Centre, University of Sussex and Brighton, Brighton, United Kingdom. ³ Clinical Imaging Science Centre, Brighton & Sussex Medical School, University of Sussex and Brighton, Brighton, United Kingdom				
16.00 - 16.30	Refreshment break EXHIBITION HALL	16.20 - 16.30	Refreshment break		Refreshment break		Refreshment break
16.30 - 18.00	SESSION 2 - Recent Advances in Molecular Radiotherapy	16.30 - 17.56	SESSION 4 - Neurology	16.30 - 18.00	MRT TRAINING SESSION 2	16.30 - 18.00	RTN Session 2: PET/CT for use in radiotherapy
	Chairs: TBC		Chairs: TBC				Chairs: TBC
16.30 - 17.00	Radionuclide therapy, Radioembolisation and Radiobiology Prof Katherine Vallis Churchill Hospital	16.30 - 16.55	Brain imaging for the early diagnosis of those with and at risk of dementia Prof John O'Brien University of Cambridge School of Clinical Medicine	16.30 - 17.15	Workshop (SIRT) Miss Allison Craig Royal Marsden Hospital	16.30 - 17.00	Ros Breen Fund: Report from Funding Recipient Monica Martins Singleton Hospital Wales
17.00 - 17.30	Radioligand therapy using Ac-225 PSMA Prof Mike Sathekge University of Pretoria, South Africa	16.55 - 17.06	7 - Emerging role of [¹⁸F]florbetaben-PET/CT in assessment and management of people living with HIV and subjective cognitive impairment. Nicolas Eftychiou ¹ , Jaime Vera ¹ , Henryk Barthel ² , Matti Shuerer ² , Michael Rullman ² , Osama Sabri ² , Ana Andrade ³ , Johan Lijla ⁴ , Helena McMeekin ⁵ , Mark Aplin ¹ , Sabina Dizdarevic ^{1,3} ¹ Brighton and Sussex University Hospitals, Brighton, United Kingdom. ² University of Leipzig, Leipzig, Germany. ³ Clinical Imaging Science Centre, Brighton, United Kingdom. ⁴ Hermes Medical Solutions, Stockholm, Sweden. ⁵ Hermes Medical Solutions, London, United Kingdom	17.15 - 18.00	Workshop (SPECT dosimetry) Mr Matthew Aldridge UCLH	17.00 - 17.30	Practicalities of PET/CT imaging for radiotherapy treatment planning Giorgio Testanera Barts Health London
		17.06 - 17.17	8 - Can pain perception be measured by a PET/CT brain scan after spinal cord stimulation? Helena McMeekin ^{1,2} , Arman Parsai ¹ , Maria Burniston ¹ , Alia Ahmad ³ , Kavita Poply ³ , Vivek Mehta ³ ¹ Nuclear Medicine Dept., Barts Health NHS Trust, London, United Kingdom. ² Hermes Medical Solutions Ltd., London, United Kingdom. ³ Pain & Anaesthesia Research Centre, Barts Health NHS Trust, London, United Kingdom			17.30 - 18.00	Planning radiotherapy treatments using PET/CT Lucy Faulkner Singleton Hospital Wales

		17.17 - 17.28	9 - Interobserver Variability in the Qualitative and Quantitative Analysis of Cardiac MIBG Scintigraphy for the Diagnosis of Lewy Body Disorders <u>Rob Foley</u> ¹ , Chris Green ¹ , Isabel Laurence ² , Stewart Redman ¹ , Richard Graham ¹ , David Little ¹ ¹ Royal United Hospital, Bath, United Kingdom. ² Southmead Hospital, North Bristol NHS Foundation Trust, Bristol, United Kingdom				
		17.28 - 17.39	10 - An investigation of follow up quantitative ioflupane imaging in patients with early/ balanced loss on initial ioflupane studies. <u>Harini Fernando</u> ^{1,2} , Amy Eccles ^{2,1} ¹ Kings College, London, United Kingdom. ² Guys and St Thomas' Trust, London, United Kingdom				
		17.39 - 17.50	11- Quantification for DaTSCAN: can it change you reports and add confidence? <u>Alp Notghi</u> , Mohamed El-Sayed, Terence Jones, Joseph O'Brien Sandwell & West Birmingham Hospitals NHS Trust, Birmingham, United Kingdom				
		17.50- 18.01	12 - 2ND PLACE STUDENT PRIZE Improvement of [¹⁸F]FDG PET/CT and MRI concordance in Temporal Lobe Epilepsy Pre-surgical Assessment using Statistical Parametric Mapping Z-scores <u>Marie Kershaw</u> ¹ , Lu Yiping ² , Vijay Sawlani ¹ , Hayaka Amada ³ , Simon Hughes ⁴ ¹ University of Birmingham, Birmingham, United Kingdom. ² Fudan University, Shanghai, China. ³ City Hospital, Birmingham, United Kingdom. ⁴ University Hospitals Birmingham, Birmingham, United Kingdom				
18.00 - 19.30	President's reception - Exhibition Hall						
19.30	Close		Close		Close		

TUESDAY 19TH MAY							
	HALL 3		HALL 4		HALL 11C		HALL 11B
8.30	REGISTRATION OPENS						
09.00 - 9.30	AGM Medics - ARSAC update - Kevin Bradley & Louise Fraser	09.00 - 9.30	Clinical Scientists AGM			09.00 - 9.30	RTNG AGM: Chair Nick Gulliver
9.30 - 11.00	SESSION 5 - SPECT-CT masterclass	9.30 - 11.00	session 6 - renal basic science - abstracts	09.30 - 11.00	SESSION 7 PET-CT in radiotherapy masterclass	9.30 - 11.00	RTN Session 3: Update on Radiation Protection
	Chairs: TBC		Chairs: TBC		Chairs: TBC		Chairs: TBC
9.30 - 10.00	SPECT/CT in children: experience from a paediatric tertiary referral centre Dr Lorenzo Biassoni Great Ormond Street Hospital	9.30 - 9.41	15 - The effect of protein binding on calculated glomerular filtration rates using [^{99m} Tc]Tc-DTPA: identifying, quantifying and options to resolve the issue. Sam Townrow, Natalie Sizer, Maria Burniston Barts Health NHS Trust, London, United Kingdom	9.30 - 10.00	Clinical and research applications of PET in radiotherapy Dr Marlene Fischer St Thomas' Hospital	9.30 - 10.00	Radiation Protection in PET-CT Daniela Fonseca Invicro
10.00 - 10.30	SPECT/CT in orthopedics Dr Daniela Miladinova University Sv Kiril i Metodij	9.41 - 9.52	16 - An alternative to Brochner-Mortensen correction in slope-intercept GFR measurement with no requirement for prior body size scaling Helena McMeekin ¹ , Maria Burniston ¹ , Mark Barnfield ² , A. Michael Peters ^{3,4} 1Barts Health NHS Trust, London, United Kingdom. 2St James's University Hospital, Leeds, United Kingdom. 3King's College Hospitals, London, United Kingdom. 4Molecular Imaging Centre, Harley St, London, United Kingdom	10.00 - 10.30	Research applications focusing on PET-guided treatment in head and neck cancer in the UK Dr Delali Adjogatse King's College London	10.00 - 10.30	Radiation Protection in Radionuclide Therapy Carla Abreu and Lucy McAreavey Royal Marsden NHSFT
10.30 - 11.00	Subject of SPECT-CT Quantification Dr Stefan Voo University College London	9.52 - 10.03	17 - Feasibility of 'Standardless' GFRs Nicholas Bird, Efsthathios Varzakis Addenbrooke's Hospital, Cambridge, United Kingdom	10.30 - 11.00	Guidance on the use of PET for treatment planning in radiotherapy clinical trials Ms Lucy Pike King's College London	10.30 - 11.00	Radiation Protection in Radiopharmacy Denise Aniceto Royal Marsden NHSFT
		10.03 - 10.14	18 - An Audit of Renal Transplant Perfusion Index processing for renogram studies Helena McMeekin ^{1,2} , Maria Burniston ¹ 1Barts Health NHS Trust, London, United Kingdom. 2Hermes Medical Solutions Ltd., London, United Kingdom				
		10.14 - 10.25	19 - Counting a Glomerular Filtration Rate Study on a Gamma Camera: A Proof of Concept James Gray ¹ , Alex Smout ¹ , Lisa O'Brien ² 1Royal Surrey County Hospital, Guildford, United Kingdom. 2St. Richard's Hospital, Chichester, United Kingdom				
		10.25 - 10.36	20 - Maximum acceptable delay in processing [^{99m} Tc]Tc-DTPA GFR plasma samples Laura Perry ¹ , David Woodhouse ² , Michael Woodward ¹ , Zarni Win ² , Kuldip S Nijran ¹ 1Radiological Sciences Unit, Imperial College Healthcare NHS Trust, London, United Kingdom. 2Nuclear Medicine Department, Imperial College Healthcare NHS Trust, London, United Kingdom				

		10.36 - 10.45	21 - Can patient age be used to decide the optimum sample time for single sample GFR studies? <u>Alexander Smout</u> , James Scuffham <i>Royal Surrey County Hospital, Guildford, United Kingdom</i>				
11.00 - 11.30	Refreshment break	11.00 - 11.30	Refreshment break IN COTSWOLD				Refreshment break
11.30 - 13.00	SESSION 8 - ABC Imaging	11.30 - 13.00	SESSION 9 - Physics Technological advances	11.30 - 13.00	SESSION 10 Cardiac	11.30 - 13.00	RTN Session 4: Proffered papers
	Chairs: TBC		Chairs: TBC		Chairs: TBC		Chairs: TBC
11.30 - 12.00	PET imaging of cerebral ABC transporters in healthy ageing and Alzheimer's disease Dr Oliver Ianger <i>University of Vienna</i>	11.30 - 11.41	22 - A feasibility study for half time [^{99m}Tc]Tc-MDP whole body bone imaging <u>Emily Fittock</u> , Clare Beadsmoore, Andoni Toms, Ramona-Rita Sultana, David Newman, Davina Pawaroo, Matthew Gray <i>The Norfolk and Norwich University Hospitals NHS Foundation Trust, Norwich, United Kingdom</i>	11.30 - 11.55	Molecular Cardiovascular Imaging: Current Status and Future Directions Prof Divaker Jain <i>New York Medical College, Westchester Medical Center Valhalla NY</i>	11.30 - 11.41	48 - Evaluation of radioisotope injection technique for sentinel lymph node biopsy in breast cancer. <u>Rhys Morris</u> ¹ , Andrew Tootell ² , John Thompson ² <i>1Ysbyty Gwynedd, Bangor, United Kingdom. 2Salford University, Salford, United Kingdom</i>
12.00 - 12.30	Imaging the function and expression of ABC transporters in drug resistance Dr Pavitra Kannan <i>University of Oxford</i>	11.41 - 11.52	23 - Can we reduce our Bone SPECT-CT acquisition time to half? <u>Mohamed El-Sayed</u> , Joseph O'Brien, Terence Jones, Anthony D'Sa, Alp Notghi <i>Sandwell & West Birmingham Hospitals NHS Trust, Birmingham, United Kingdom</i>	11.55 - 12.20	Interesting and Challenging Cases in Cardiovascular Nuclear Imaging Prof Divaker Jain <i>New York Medical College, Westchester Medical Center Valhalla NY</i>	11.41 - 11.52	49 - A service evaluation of SmartVent™ administered [^{99m}Tc]Tc-DTPA during SPECT/CT VQ imaging <u>James Elliott</u> ^{1,2} , Tristan Barnden ² , Alexis Corrigan ² <i>1Canterbury Christ Church University, Canterbury, United Kingdom. 2Maidstone Hospital Nuclear Medicine Department, Maidstone, United Kingdom</i>
12.30 - 12.41	13 - Towards imaging cisplatin resistance with ⁶⁴Cu PET <u>Fahad Al-saleme</u> , Joanna Bartnicka, Timothy Witney, Philip Blower <i>King's College London, London, United Kingdom</i>	11.52 - 12.03	24 - Feasibility and optimisation of half-time or half-dose [^{99m}Tc]Tc-MDP bone SPECT using Siemens Flash3D image reconstruction Dominyka Ivanova ¹ , Nicolas Eftychiou ² , Haseeb Ahmed ² , <u>Letteris Livieratos</u> ² <i>1King's College London, London, United Kingdom. 2Guy's & St Thomas' NHS Foundation Trust, London, United Kingdom</i>	12.20 - 12.31	38 - The use of Radionuclide Ventriculography in assessing Herceptin treatment in Breast cancer <u>Ann Tweddel</u> ¹ , Emmanouil Papadopoulos ¹ , Glenn Woolley ¹ , Imran Sunderji ¹ , Matthew Balerdi ¹ , Penny O'Neill ¹ , Michael Lind ² <i>1Hull University Teaching Hospitals NHS Trust, East Yorkshire, United Kingdom. 2Hull York Medical School, Hull, United Kingdom</i>	11.52 - 12.03	50 - Optimising staff and facilities in [¹⁷⁷Lu] Peptide Receptor Radionuclide Therapy (PRRT) to allow two patients to be treated on the same day as day case admissions. <u>Sandra Johns</u> , Sofia Michopoulou, Francis Sundram, Ziauddin Saad, Jayne Harris <i>University Hospitals Southampton NHS Foundation Trust, Southampton, United Kingdom</i>
12.41 - 12.52	14 - Approaches of PET metallomics for the study of metal trafficking in vivo <u>George Firth</u> ¹ , Zilin Yu ¹ , Joanna Bartnicka ¹ , Fahad Al-saleme ¹ , Hannah Greenwood ¹ , Jana Kim ¹ , David Parker ² , Philip Blower ¹ <i>1King's College London, London, United Kingdom. 2University of Birmingham, Birmingham, United Kingdom</i>	12.03 - 12.14	25 - Dual-isotope Infection SPECT/CT Imaging: A study on the optimisation and impact of clinically available artefact reduction techniques <u>Michael Woodward</u> ¹ , Laura Perry ¹ , William Svensson ² , Joy Murrell ² , Kuldip Nijran ¹ <i>1Radiological Sciences Unit, Imperial College Healthcare NHS Trust, London, United Kingdom. 2Nuclear Medicine, Imperial College Healthcare NHS Trust, London, United Kingdom</i>	12.31 - 12.42	39 - Evaluation of adverse cardiac event rates in the 5 years following normal myocardial perfusion imaging using the Digirad Cardius X-ACT <u>Monique Vekeria</u> ¹ , Christopher Green ² , Isabel Laurence ¹ <i>1North Bristol NHS Trust, Bristol, United Kingdom. 2Cheltenham and Gloucester NHS Trust, Cheltenham, United Kingdom</i>	12.03 - 12.14	51 - VQ Service evaluation to assist PE diagnosis in pregnancy. <u>Lidia Jasinska</u> , Sandra Johns, Phillipa Williams, Timothy Melhuish, Ziauddin Saad, Francis Sundram <i>University Hospital Southampton, Southampton, United Kingdom</i>

		12.14 - 12.25	<p>26 - The impact of SiPM PET/CT scanners. A step change in practice? <u>Sarah J McQuaid</u>, April-Louise Smith, Anna Barnes, Catherine J Scott, Alexandra Mackenzie, John C Dickson <i>Institute of Nuclear Medicine, University College London Hospitals, London, United Kingdom</i></p>	12.42 - 12.53	<p>40 - Coronary artery [¹⁸F]-sodium fluoride positron emission tomography and USPIO-enhanced magnetic resonance angiography identifies culprit lesions in myocardial infarction <u>Marwa Daghem</u>¹, Rishi Ramaesh², Gillian Macnaught³, Scott Semple³, Edwin J R van Beek⁴, Marc Dweck¹, Dave Newby¹, Michelle Williams⁵ ¹Centre for Cardiovascular Science, University of Edinburgh, Edinburgh, United Kingdom. ²NHS Lothian, Edinburgh, United Kingdom. ³Edinburgh Imaging facility QMRI, University of Edinburgh, Edinburgh, United Kingdom. ⁴Edinburgh Imaging facility QMRI, Edinburgh, United Kingdom. ⁵University of Edinburgh, Edinburgh, United Kingdom</p>	12.14 - 12.25	<p>52 - Regadenoson rescue of failing physiological stress: an evolving safety profile/impact on scan quality. <u>Robin Mark McDade</u>¹, Barbara Kerr², Scott Allan¹, Craig Paterson¹, Nicholas Goodfield¹ ¹Glasgow Royal Infirmary, Glasgow, United Kingdom. ²Glasgow Royal Infirmary, Glasgow, United States Minor Outlying Islands</p>
		12.25 - 12.36	<p>27 - Use of the CT scout view (topogram) for accurate attenuation correction and quantification of nuclear medicine planar images: Patient Data <u>Gregory James</u>, Joseph O'Brien, Bill Thomson <i>City Hospital, Birmingham, United Kingdom</i></p>	12.53 - 13.04	<p>41 - The potential impact of incidental cardiac uptake during routine bone scans on a cardiac amyloidosis service. <u>Dean Manning</u>¹, Thomas Butler², Megan Butler², Yasir Majeed¹, Robert Gordon¹, Ganwa Qadir¹, Sayed Kazi¹, Rhys Beynon¹, Anik Appaji¹, Ash Patwala¹, Duwarakan Satchithananda¹, David Bailey¹ ¹UHNH NHS Trust, Stoke-on-Trent, United Kingdom. ²Student, Stoke-on-Trent, United Kingdom</p>	12.25 - 12.36	<p>53 - How do Nuclear Medicine Radiographers and Technologists Understand the Concept of Patient Care? <u>Andrew Cheetham</u>^{1,2}, Beverly Gray², Sara Soares², Jay Dave², Rosalind Pliszka², Nick Gulliver² ¹King's College, London, London, United Kingdom. ²King's College Hospital NHS Foundation Trust, London, United Kingdom</p>
		12.36 - 12.47	<p>28 - 3RD PLACE STUDENT PRIZE Bayesian Penalised Likelihood (Q.Clear) reconstruction of [⁶⁸Ga]DOTATATE PET/CT in neuroendocrine tumours: a comparison with standard image reconstruction methods <u>Rachna Prem</u>¹, James Temple¹, Wei-Shern Chen², Krokos Georgios², Gary Cook² ¹GKT School of Medicine, London, United Kingdom. ²King's College London, London, United Kingdom</p>			12.36 - 12.47	<p>54 - Striving for Radiographer autonomy –investigation of the benefits to a small NHS trust <u>Lindsay Watkinson</u> <i>Warrington and Halton Teaching Hospitals NHS Foundation Trust, Warrington, United Kingdom</i></p>
		12.47 - 12.58	<p>29 - Looking at [¹⁸F]FDG PET with 2020 Vision <u>Chris Mathews</u>, Ian Armstrong <i>MUFT, Manchester, United Kingdom</i></p>			12.47 - 12.58	<p>55 - The Optimal Timing of the SeHCAT Scan in the Diagnosis of Bile Acid Malabsorption for Patients with Chronic Diarrhoea <u>Gerard McKiernan</u> <i>Belfast Health and Social Care Trust, Belfast, United Kingdom</i></p>
13.00 - 13.30	BNMS AGM in Hall 3		with lunch				
13.00 - 14.00	lunch						
13.15 - 13.45	Poster judging Exhibition Hall						
14.00 - 15.00	ANNUAL LECTURE - ARTURO CHITI						
	Chairs: TBC						
15.00 - 15.45	Innovation and Education Showcase						
	Chairs: TBC						
15.00 - 15.05	Introduction						

15.05-15.25	Traceability and Standardisation in Nuclear Medicine Imaging and Therapy Dr Andrew Robinson National Physical Laboratory						
15.25-15.35	Escan Academy - live demonstration						
15.35-15.45	Innovative Prize and voting.						
15.45 - 16.15	Refreshment break					Refreshment break	
16.15 - 17.45	Session 11 - Masterclass in thyroid	16.15-17.45	session 12 - Computational and phantom techniques	16.15 - 17.45	SESSION 13 Radiopharmacy	16.15 - 17.45	RTN Session 5: PROFFERED PAPERS ii
	Chairs: TBC		Chairs: TBC		Chairs: TBC		Chairs: TBC
16.15 - 16.45	NICE guidelines for benign thyroid disease Dr Kristien Boelaert University of Birmingham	16.15 - 16.26	30 - Justification for PERCIST reference regions using a semi-automated algorithm Luke Pleva ^{1,2} , Max Capel ^{1,2} , Heather Williams ² , Peter Julyan ² ¹ University of Manchester, Manchester, United Kingdom. ² The Christie NHS Foundation Trust, Manchester, United Kingdom	16.15 - 16.26	42 - Red blood cell volume measurement - can Indium replace Chromium? Alison Bolster, Gillian Ainslie-McLaren, Angela Fee, June McKinstry, Alison Lee Stobhill Hospital, Greater Glasgow and Clyde Health Board, Glasgow, United Kingdom	16.15 - 16.26	56 - Dopaminergic imaging of pituitary adenomas with [¹⁸ F]Fallypride PET/CT - an initial experience Ellie Knowler ¹ , Alex Powles ¹ , Lee Bartley ¹ , Patrick Fielding ¹ , Aled Rees ² , Chris Marshall ¹ ¹ Wales Research and Diagnostic PET Imaging Centre, Cardiff University, Cardiff, United Kingdom. ² Neuroscience and Mental Health Research Institute, Cardiff University, Cardiff, United Kingdom
16.45 - 17.15	Thyroid Cancer Theranostics: the Evolving Paradigm of Radioiodine Therapeutics Prof Anca Avram Director, Nuclear Medicine Therapy Clinic, University of Michigan, Ann Arbor, USA	16.26 - 16.37	31 - Development and characterisation of a PET "painting" robotic phantom to generate pseudo-anthropomorphic brain and geometric test objects under digital computer control Anton Paramithas, Alan Britten St. George's Hospital, London, United Kingdom	16.26 - 16.37	43 - Optimisation of Cyclotron Production of [¹³ N] Ammonia Luiza Haberska, Steven Paisey, Andrew Watkins, Christopher Marshall Cardiff University, Cardiff, United Kingdom	16.26 - 16.37	57 - Evaluation of the Image Quality in [⁶⁸ Ga]Ga-DOTA-TOC – an initial approach Clara Ferreira, James Cullis University Hospital of Coventry and Warwickshire, Coventry, United Kingdom
		16.37 - 16.48	32 - Assessing the improvement in lesion detectability on the Siemens Biograph Vision PET – a phantom study using a Channelised Hotelling Observer Christopher Oldfield ¹ , Ian Armstrong ² , Pete Julyan ¹ , Bal Sanghera ³ ¹ The Christie NHS Foundation Trust, Manchester, United Kingdom. ² Manchester University NHS Foundation Trust, Manchester, United Kingdom. ³ Mount Vernon Hospital NHS Foundation Trust, Northwood, United Kingdom	16.37 - 16.48	44 - Optimising targeted radiolabelled nanoparticles for radionuclide therapy Rekaya Shabbir ¹ , Marco Mingarelli ² , Glenn Flux ³ , Ananya Choudhury ¹ , Tim Smith ¹ ¹ University of Manchester, Manchester, United Kingdom. ² University of Aberdeen, Aberdeen, United Kingdom. ³ Royal Marsden NHS Trust, Sutton, United Kingdom	16.37 - 16.48	58 - The prevalence of CT truncation and impact on rubidium-82 cardiac PET reconstructed with and without TOF Raquel Gaspar ¹ , Luis Freire ² , Maria Clara Alves ³ , Ian S Armstrong ¹ ¹ Manchester University NHS Foundation Trust, Manchester, United Kingdom. ² ESTeSL, Lisbon, Portugal. ³ Bradford Royal Infirmary, Bradford, United Kingdom

		16.48 - 16.59	<p>33 - Variation of software platforms including the use of in-house analysis in Nuclear Medicine – results from a UK survey <u>Jonathan Price</u>¹, Mark Barnfield², James Cullis³, John Himsworth⁴, Gregory James⁵, Matthew Memmott⁶, Anthony Murray⁷ ¹Southend University Hospital NHS Foundation Trust, Southend, United Kingdom. ²The Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom. ³University Hospitals Coventry and Warwickshire NHS Trust, Coventry, United Kingdom. ⁴Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, United Kingdom. ⁵Sandwell and West Birmingham NHS Trust, Birmingham, United Kingdom. ⁶Manchester University NHS Foundation Trust, Manchester, United Kingdom. ⁷Bradford Teaching Hospitals NHS Foundation Trust, Bradford, United Kingdom</p>	16.48 - 16.59	<p>45 - Investigating the effect of sporicidal disinfection step during the preparation of [^{99m}Tc] radiopharmaceuticals. <u>Elizabeth Faminu</u>¹, Megan Longworth¹, Shazmeen Hansrod¹, Fareeda Akhtar¹, Muhammad Ali¹, Thomas Wan¹, Sue Renn², Beverley Ellis¹ ¹Manchester University NHS Foundation Trust, Manchester, United Kingdom. ²Manchester University, Manchester, United Kingdom</p>	16.-48 -17.48	<p>RTN Session 6: Bone Imaging Agents: Principles and Recent Developments Chairs: TBC</p>
		16.59 - 17.10	<p>34 - Comprehensive validation of a Monte Carlo simulation of the new dual/triple-head Mediso AnyScan SPECT system for acquisition protocol optimisation and image correction <u>Sophia Pells</u>^{1,2}, David M. Cullen¹, Andrew P. Robinson^{2,3,4}, Ben Pietras¹, Nick Calvert⁴, Daniel Deidda², Andrew Fenwick², Kelley Ferreira², David Hamilton⁴, Warda Heetun², George Needham¹, Emma Page⁴, Emlyn Price¹, Jill Tipping⁴ ¹The University of Manchester, Manchester, United Kingdom. ²National Physical Laboratory, Teddington, United Kingdom. ³University of Manchester, Manchester, United Kingdom. ⁴The Christie NHS Foundation Trust, Manchester, United Kingdom</p>	16.59 - 17.10	<p>46 - Validation of the use the Labnet® Digital Dry Bath for the Preparation of Radiopharmaceuticals that Require Heating <u>Shazmeen Hansrod</u>, Thomas Wan, Megan Longworth, Harry Grover, Beverley Ellis ¹Manchester University NHS Foundation Trust, Manchester, United Kingdom</p>	16.48 - 17.18	<p>Radiopharmaceutical Chemistry of bone agents Ines Melo King's College London</p>
17.15 - 17.45		17.10 - 17.21	<p>35 - Optimising the Energy Window for SeHCAT Counting using Geant4 Monte Carlo Simulations. <u>Gregory James</u>, Joseph O'Brien, Bill Thomson City Hospital, Birmingham, United Kingdom</p>	17.10 - 17.21	<p>47 - Supramolecular cages for binding radiolabelled anions: [^{99m}Tc]TcO₄⁻ and [¹⁸F]SO₃F⁻. <u>Vincent Nail</u>¹, Benjamin Burke¹, William Grantham², David Roberts¹, Isaline Renard¹, Paul Lusby², Stephen Archibald¹ ¹University of Hull, PET Research Centre, Hull, United Kingdom. ²University of Edinburgh, Department of Chemistry, Edinburgh, United Kingdom</p>	17.18 - 17.48	<p>Imaging of Bone Agents Ana Queiroz and Graça Paixão (InHealth) and (Birmingham)</p>
		17.21 - 17.32	<p>36 - Building and validating a full gamma camera model in Geant4 for research applications. <u>Gregory James</u>, Joseph O'Brien, Bill Thomson City Hospital, Birmingham, United Kingdom</p>	17.21 - 17.45	<p>Radiopharmacy Group AGM</p>		

		17.32 - 17.43	37 - Development of a Bespoke Cardiac Prototype Phantom for Dynamic Imaging Sarah Williams, Kirsty Jones, Craig Paterson, Jamie Robinson, Nicholas Goodfield <i>Glasgow Royal Infirmary, Glasgow, United Kingdom</i>				
17.45	Close		Close		Close		Close
19.30	Awards Dinner		Awards Dinner		Awards Dinner		Awards Dinner

WEDNESDAY 20TH MAY

HALL 3		HALL 4		HALL 11C		HALL 11B	
8.30	REGISTRATION OPENS						
9.00 - 10.30	SESSION 14 - PET/CT masterclass	9.00 - 10.30	SESSION 15 - General Nuclear Medicine	9.00 - 10.30	Session 17 - Theragnostics	9.00 - 10.30	session 16- Dosimetry
	Chairs: TBC		Chairs: TBC		Chairs: TBC		Chairs: TBC
09.00 - 09.25	PET-CT in immunotherapy Prof Gary cook <i>King's College London</i>	09.00 - 09.11	61 - Terminology used when reporting Dual Energy X-ray Absorptiometry in Premature Ovarian Insufficiency Patients. <u>Harini Fernando</u> ^{1,2} , Amy Eccles ^{1,2} <i>1Kings College, London, United Kingdom. 2Guys and St Thomas' Trust, London, United Kingdom</i>	09.00 - 09.11	74 - Radium Dichloride (²²³Ra] RaCl₂) therapy for bone metastatic castrate resistant prostate cancer: Potential survival advantage when used earlier in the treatment pathway <u>Adrian Ho</u> , Peter Jarvis, Ganesh Vigneswaran, Sally-Anne Shelton, Francis Sundram <i>Department of Nuclear Medicine, University Hospital Southampton, Southampton, United Kingdom</i>	09.00 - 09.11	88 - Uncertainty calculations for ⁹⁰Y SIRT absorbed doses based on the EANM guidance <u>Allison Craig</u> ^{1,2} , Iain Murray ^{1,2} , Ana Denis-Bacelar ³ , Jonathan Gear ^{1,2} , Lucy Hossen ⁴ , Annelies Maenhout ⁵ , Nasir Khan ⁵ , Glenn Flux ^{1,2} <i>1Royal Marsden NHSFT, Sutton, United Kingdom. 2The Institute of Cancer Research, London, United Kingdom. 3National Physical Laboratory, Teddington, United Kingdom. 4Royal Brompton & Harefield NHSFT, London, United Kingdom. 5Chelsea & Westminster NHSFT, London, United Kingdom</i>
09.25 - 09.50	PET/CT and PET/MRI in head and neck malignancy Dr Teresa Szyzsko <i>Kings College London</i>	9.11-09.22	62 - Role of Bone SPECT/CT in the post-operative management of children with Slipped Upper Femoral Epiphysis. <u>Avyay Sharma</u> ¹ , <u>Sabyasachi Bandyopadhyay</u> ² , James Kyle ³ , Eleonora Manca ² , Maryam Jessop ² , Nitasha Singh ² , Sabina Dizdarevic ² <i>1Brighton College, Brighton, United Kingdom. 2Department of Nuclear Medicine & Clinical Imaging, Brighton & Sussex University Hospitals NHS Trust, Brighton, United Kingdom. 3Department of Trauma & Orthopaedics, Brighton & Sussex University Hospitals NHS Trust., Brighton, United Kingdom</i>	9.11-09.22	75 - Auger electron emitter radionuclide therapy: In-vitro study of thallium-201 (²⁰¹Tl) kinetics and toxicity in breast and prostate cancer cells. <u>Katarzyna Osytek</u> ¹ , Alex Rigby ¹ , Samantha Terry ¹ , Gareth Smith ² , Vincenzo Abbate ³ , Philip Blower ¹ <i>1School of Biomedical Engineering and Imaging Sciences, King's College London, London, United Kingdom. 2Theragnostics Limited, 2 Arlington Square, Bracknell, United Kingdom. 3School of Population Health and Environmental Sciences, King's College London, London, United Kingdom</i>	09.11-09.22	89 - Variation in the lesion absorbed doses calculated using different methodologies for outlining and partial volume correction for the SELIMETRY study <u>Jan Taprogge</u> ^{1,2} , Natalie Cooper-Rayner ¹ , Jonathan Gear ^{1,2} , Iain Murray ^{1,2} , Francesca Leek ¹ , Sarah Chittenden ^{1,2} , Rebecca Gregory ³ , Andrew Fenwick ⁴ , Jill Wewrett ⁵ , James Scuffham ^{4,5} , Jill Tipping ⁶ , Brian Murby ⁶ , Steve Jeans ⁶ , Martha Stuffsins ⁵ , Sofia Michopoulou ⁷ , Matthew Guy ⁷ , Darren Morgan ⁸ , Aida Hallam ⁸ , David Hall ⁹ , Heather Polydor ⁹ , Colin Brown ¹⁰ , Gerry Gillen ¹⁰ , Nathan Dickinson ¹¹ , Sarah Brown ¹² , Jonathan Wadsley ¹³ , Glenn Flux ^{1,2} <i>1Royal Marsden Hospital NHSFT, London, United Kingdom. 2Institute of Cancer Research, London, United Kingdom. 3Barts Health NHS Trust, London, United Kingdom. 4National Physical Laboratory, Teddington, United Kingdom. 5Royal Surrey County Hospital NHS Foundation Trust, Guildford, United Kingdom. 6The Christie NHS Foundation Trust, Manchester, United Kingdom. 7University Hospital Southampton NHS Foundation Trust, Southampton, United Kingdom. 8Oxford University Hospitals NHS Foundation Trust, Oxford, United Kingdom. 9University Hospitals Bristol NHS Foundation Trust, Bristol, United Kingdom. 10NHS Greater Glasgow and Clyde, Glasgow, United Kingdom. 11Nottingham University Hospitals NHS Trust, Nottingham, United Kingdom. 12CTRU, University of Leeds, Leeds, United Kingdom. 13Weston Park Hospital, Sheffield, United Kingdom</i>

09.50 -10.15	<p>F18 FDG PET/CT for cervical carcinoma: Is it underutilized? Dr Alan Klitzke ACNM President, Roswell Park Comprehensive Cancer Center, Buffalo, New York</p>	09.22 - 09.33	<p>63 - 1ST STUDENT PRIZE Paediatric gastric emptying: Factors predictive of delayed gastric emptying and clinical outcomes at 2 years follow-up Maryam Hussein¹, Esme Poole¹, Vinod Kolimarala², Mich Lajeunesse², Efreem Eren³, Zia Saad³, Francis Sundram³, Nadeem Ahmad Afzal² ¹University of Southampton, Southampton, United Kingdom. ²Southampton Children's Hospital, Southampton, United Kingdom. ³University Hospital Southampton, Southampton, United Kingdom</p>	09.22 - 09.33	<p>76 - Factors that influence survival in patients receiving Radium-dichloride [²²³Ra] RaCl₂ therapy – Real world evidence from a single UK centre. Peter Jarvis, Adrian Ho, Ganesh Vigneswaran, Sally-Anne Shenton, Francis Sundram University Hospital Southampton, Southampton, United Kingdom</p>	09.22 - 09.33	<p>90 - Feasibility and accuracy of single-time-point dosimetry following ²²³Ra therapy incorporating a population pharmacokinetic model Jan Taprogge^{1,2}, Iain Murray^{1,2}, Glenn Flux^{1,2} ¹Royal Marsden Hospital NHSFT, Sutton, United Kingdom. ²Institute of Cancer Research, London, United Kingdom</p>
10.15 -10.26	<p>59 - The clinical impact of FDG PET in the diagnosis and clinical management of anti-neutrophil cytoplasmic antibodies-associated vasculitis (Wegener's vasculitis) Stefan Voo¹, Michael Kemna², Jan Willem Cohen Tervaert², Jamshed Bomanji¹ ¹University College London Hospital, London, United Kingdom. ²Maastricht University Medical Centre, Maastricht, Netherlands</p>	09.33 - 09.44	<p>64 - Evaluating Image Quality of [¹²³I]Iodine-DaTSCAN Relative to Administered Dose Amy Eccles, Ibtisam Musi, André Nunes, Mohammed Azmat Guy's and St. Thomas' NHS Foundation Trust, London, United Kingdom</p>	09.33 - 09.44	<p>77 - Identifying Prognostic and Response Markers in Radium Therapy: Bone Scan Quantification and Assessment of Blood Markers James Gray, James Scuffham, Vineet Prakash, Ralf Clauss, Manu Shastry Royal Surrey County Hospital, Guildford, United Kingdom</p>	09.33 - 09.44	<p>91 - Hybrid voxel dosimetry of a bone scan for the SOLLID trial Dominic Rushforth, Jonathan Gear, Paul Gape, Jan Taprogge, Iain Murray, Carla Abreu, Glenn Flux The Royal Marsden NHS Foundation Trust, Sutton, United Kingdom</p>
		09.44 - 09.55	<p>65 - An Audit of DMSA scans at a busy DGH Manish Pandit, Lucy Berwick, Joseph O'Brien SWBH, Birmingham, United Kingdom</p>	09.44 - 09.55	<p>78 - An assessment of the efficacy of Yttrium-90 colloid (Y-90) radiosynovectomy using Western Ontario and McMaster Universities Arthritis Index (WOMAC) values Lois Collins, Paul Ryan, Noelle Blakeman, Beverley Martin, David Simpson Medway NHS Foundation Trust, Gillingham, United Kingdom</p>	09.44 - 09.55	<p>92 - Errors arising from S-values for dosimetry of paediatric radionuclide therapies with ¹³¹I and ¹⁷⁷Lu Ruby Callister^{1,2}, Jonathan Gear², Antigoni Divoli², Glenn Flux² ¹St George's University Hospitals NHS FT, London, United Kingdom. ²The Royal Marsden NHS FT, London, United Kingdom</p>
		09.55 -10.06	<p>66 - Octreoscan Audit: Is the 48-hour Image Necessary? Ayah A Nawwar, Julian Kabala, Randeep Kulshrestha University Hospitals Bristol, Bristol, United Kingdom</p>	09.55 -10.06	<p>79 - Reassessing the risk of skeletal related events following [²²³Ra] RaCl₂ therapy in metastatic castrate resistant prostate cancer. Hajira Ilyas, Haseeb Ahmed, Amy Eccles, Fahim Ul-Hassan, Nicolas Eftychiou, Val Lewington Guy's and St.Thomas' NHS Foundation Trust, London, United Kingdom</p>	09.55 -10.06	<p>93 - Investigating the Suitability of [68Ga] PSMA PET/CT for a Large-Scale Epidemiological Trial in Diagnostic Nuclear Medicine – Initial Results from the SOLLID Trial Paul Gape^{1,2}, Dominic Rushforth^{1,2}, Carla Abreu¹, Iain Murray^{1,2}, Jonathan Gear^{1,2}, Glenn Flux^{1,2} ¹The Royal Marsden NHS Foundation Trust, London, United Kingdom. ²The Institute of Cancer Research, London, United Kingdom</p>

		10.06 - 10.17	67 - Added diagnostic value of CT attenuation correction in myocardial perfusion imaging. <u>Namra Asghar</u> ¹ , Humayun Bashir ¹ , Aamna Hassan ¹ , Saima Riaz ^{2,3} <i>1Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore, Pakistan. 2Shaukat Khanum Memorial Cancer Hospital and Research Centre, Lahore, Palestine. 3UCLH, London, United Kingdom</i>	10.06 - 10.17	80 - Investigation of Quantitative Metrics in [¹⁷⁷ Lu] Lu-DOTA-TATE SPECT/CT and [⁶⁸ Ga] Ga-DOTA-TATE PET/CT Scans to Predict Treatment Response in Neuroendocrine Tumours <u>Amelia Perry</u> Lefteris Livieratos, Val Lewington <i>Guy's and St Thomas' NHS Foundation Trust, London, United Kingdom. King's College London, London, United Kingdom</i>	10.06 - 10.17	94 - Validation of an Individual approach to Molecular Radiotherapy Dosimetry using 3D printed phantoms <u>Ben Pietras</u> ¹ , Sophia Pells ^{1,2} , Nick Calvert ³ , Andy Robinson ² , George Needham ¹ , Dave Cullen ¹ , Emma Page ³ , Jill Tipping ³ <i>1The University of Manchester, Manchester, United Kingdom. 2The National Physical Laboratory, Teddington, United Kingdom. 3The Christie research hospital, Manchester, United Kingdom</i>
				10.17 - 10.28	81 - Incidence of raised HbA1c of ≥ 42 mmol/mol (Normal ≤ 41 mmol/mol) in patients with Neuroendocrine Tumour (NET) receiving peptide receptor radionuclide therapy (PRRT) with [¹⁷⁷ Lu]Lu-DOTA-TATE at Guy's and St. Thomas' NHS Foundation Trust. <u>Hajira Ilyas</u> , Amy Eccles, Nicolas Eftychiou, Haseeb Ahmed, Fahim Ul-Hassan, Val Lewington <i>Guy's and St. Thomas's NHS, London, United Kingdom</i>	10.17 - 10.28	95 - Improved prediction of haematological toxicity during [¹⁷⁷ Lu] Lu-DOTA-TATE therapy by optimising serial SPECT/CT red marrow dosimetry <u>Emma Page</u> ¹ , Jill Tipping ¹ , Nick Calvert ¹ , David Hamilton ¹ , David Cullen ² , Sophia Pells ² , George Needham ² , Ben Pietras ² , Peter Julian ¹ <i>1The Christie NHS Foundation Trust, Manchester, United Kingdom. 2The University of Manchester, Manchester, United Kingdom</i>
10.28 - 11.00	Refreshment break		Refreshment break		Refreshment break		Refreshment break
11.00 - 12.30	SESSION 18 PARATHYROID MASTERCLASS	11.00 - 12.30	SESSION 19 - PET/CT in NHS England and proffered papers		SESSION 20 Oncology PET/CT		SESSION 21 Radiation protection
	Chairs: TBC		Chairs: TBC		Chairs: TBC		Chairs: TBC
11.00 - 11.25	Parathyroid Scintigraphy revisited: planar and SPECT-CT <u>Dr Qaisar Hussain Siraj</u> <i>Farwania Hospital Kuwait</i>	11.00 - 11.30	Implementing PET CT service development into the NHS in England <u>Dr Wai Lup Wong</u> and Ms Nicola McCulloch <i>Mount Vernon Hospital and NHS England</i>	11.00 - 11.11	82 - Response Assessment of Ewing's Sarcoma Family of Tumours (ESFT) by [¹⁸ F] FDG PET/CT - Indian experience <u>Amrita Tiwary Vyas</u> ¹ , Ajay Gopal Vyas ² , Man Mohan Mehndiratta ¹ <i>1Janakpuri Super speciality Hospital New Delhi, Delhi, India. 2Max Hospital Vashali, Ghaziabad, India</i>	11.00 - 11.11	96 - Variation in external dose rates with time for a [¹⁷⁷ Lu] PSMA patient over multiple treatment cycles. <u>Nathaniel Scott</u> ¹ , Anne-Marie Stapleton ² , Carolyn Lory ¹ , Sara Gomes-Santos ¹ , Daniel McGowan ^{1,3} , Yong Du ^{1,4} <i>1GenesisCare, Windsor, United Kingdom. 2Royal Surrey County Hospital NHS Foundation Trust, Guildford, United Kingdom. 3University of Oxford, Oxford, United Kingdom. 4The Royal Marsden NHS Foundation Trust, London, United Kingdom</i>
11.25 - 11.50	SPECT-CT and PET-CT Parathyroid Imaging <u>Dr Richard Graham</u> <i>Royal United Hospital, Bath</i>	11.30 - 11.41	68 - An evaluation of whether choline PET/CT changes the restaging of biochemically recurrent prostate cancer following prior imaging with at least two other modalities. <u>Monique Vekeria</u> , Randeep Kulshrestha, Amarnath Challapalli <i>Bristol Royal Infirmary, Bristol, United Kingdom</i>	11.11 - 11.22	83 - Interobserver reliability in the quantitative assessment of [^{99m} Tc]-labelled anti-Programmed Death-Ligand 1 (PD-L1) SPECT in non-small cell lung cancer. <u>Daniel Johnathan Hughes</u> ¹ , Gitasha Chand ^{1,2} , Hong Hoi Ting ² , Victoria Warbey ¹ , Vicky Goh ¹ , Gary Cook ¹ <i>1Department of Cancer Imaging, School of Biomedical Engineering and Imaging Sciences, King's College London, London, United Kingdom. 2Department of Research and Development, NanoMab Technology Limited, Shanghai, China</i>	11.11 - 11.22	97 - Management of a Lutetium-177 PSMA therapy patient undergoing surgery <u>Matthew Galloway</u> , Emily Aveyard, Christopher Pickles, James Cullis <i>UHCW NHS Trust, Coventry, United Kingdom</i>

11.50 - 12.15	Parathyroid Imaging with 18F-Choline PET-CT Prof Drazen Huic <i>President of Croatian Society of Nuclear Medicine, University Hospital Rebro Zagreb, Croatia</i>	11.41 - 11.52	69 - Diagnostic accuracy of [⁶⁸Ga] Ga-PSMA PET/CT in patients with recurrent prostate cancer and correlation with clinical and pathological outcomes. <u>Anna Witkowska-Wrobel</u> ¹ , Arman Parsai ¹ , Jonathan Shamash ² , Jane Sosabowski ³ , Jennifer Young ³ , Cindy Leung ¹ , Busola Ade-Ojo ⁴ , Anju Sahdev ⁵ , Rebecca Gregory ¹ , Ewa Nowosinska ¹ <i>1Nuclear Medicine Barts Health, London, United Kingdom. 2Medical Oncology Barts Health, London, United Kingdom. 3Centre of Molecular Oncology, QMUL, London, United Kingdom. 4Radiopharmacy, Barts Health, London, United Kingdom. 5Radiology, Barts Health, London, United Kingdom</i>	11.22 - 11.33	84- Identification of specific SUVmax ratios enhances diagnostic accuracy for staging of intrathoracic nodes in lung cancer <u>Nadia Matej</u> , Justyn Jeon, James Myerson, Nigel Marchbank, Deborah Pencharz <i>Brighton and Sussex University Hospitals NHS Trust, Brighton, United Kingdom</i>	11.22 - 11.33	98 - Generating retrospective patient specific radiation restrictions following [¹⁷⁷Lu] Lu-PSMA therapy in an outpatient setting <u>Anne-Marie Stapleton</u> ¹ , Nathaniel Scott ² , Alexander Smout ¹ , Sara Gomes-Santos ² , Carolyn Lory ² , Daniel McGowan ^{2,3} , Yong Du ^{2,4} <i>1Royal Surrey NHS Foundation Trust, Guildford, United Kingdom. 2GenesisCare, Windsor, United Kingdom. 3University of Oxford, Oxford, United Kingdom. 4Royal Marsden NHS Foundation Trust, London, United Kingdom</i>
12.15 - 12.26	60 - An analysis of a new parathyroid scintigraphy protocol evaluating the contribution of the different scintigraphic components: planar, SPECT, SPECT/CT and surface rendering, in comparison with histopathological outcomes. <u>Hajira Ilyas</u> , Charlotte Fowler <i>Guy's and St.Thomas' NHS Foundation Trust, London, United Kingdom</i>	11.52 - 12.03	70 - [⁶⁸Ga]Prostate Specific Membrane Antigen or [¹⁸F]Fluciclovine : When & Why - A Comparative Review of early clinical experience in a UK centre <u>Mellanie-Anne Didier</u> ^{1,2} , Ruth Brown ³ , Sobhan Vinjamuri ³ <i>1University Hospital of the West Indies, Kingston, Jamaica. 2Royal Liverpool University Hospital, Liverpool, United Kingdom. 3Royal Liverpool and Broadgreen University Hospitals NHS Trust, Liverpool, United Kingdom</i>	11.33 - 11.44	85 - Utility of [¹⁸F] FDG in the management of multiple myeloma <u>Phei Shan Chuah</u> , Rashika Fernando, Ruth Brown, Gillian Brearton, Stephen Hawkins, Nagabushan Seshadri <i>Royal Liverpool University Hospital, Liverpool, United Kingdom</i>	11.33 - 11.44	99 - Optimisation of ¹⁷⁷Lu therapy administration Richard Fernandez ¹ , Amelia Perry ² , Peter Croasdale ¹ , Jessica Johnson ¹ , <u>Sasha Rai</u> ¹ , Nicolas Eftychiou ² <i>1Guy's & St Thomas' NHS Foundation Trust, London, United Kingdom. 2King's College London, London, United Kingdom</i>
11.00 - 11.25	Intravenous contrast for SPECT-CT Parathyroid Imaging Dr Richard Graham <i>Royal United Hospital, Bath</i>	12.03 - 12.14	71 - Inter-reader reliability of [⁶⁸Ga] Ga-THP-PSMA PET/CT interpretation in patients with prostate cancer <u>Gary Cook</u> ¹ , Dimitris Priftakis ² , Marie Meagher ² , Raymond Endozo ² , Jamshed Bomanji ² , Asim Afiq ² <i>1King's College London, London, United Kingdom. 2UCLH, London, United Kingdom</i>	11.44 - 11.55	86 - 82 - Tumour heterogeneity changes in arginine deprivation treatment response in mesothelioma using FDG PET data <u>Teresa Szyszko</u> ¹ , Muhammad Siddique ² , Paul Bassett ³ , Christopher Rookyard ² , Peter Szlosarek ⁴ , Vicky Goh ² , Gary Cook ^{2,1} <i>1KCL and GSTT PET Centre, London, United Kingdom. 2KCL Division of Imaging Sciences and Biochemical Engineering, London, United Kingdom. 3Statsconsultancy, Amersham, United Kingdom. 4Barts Cancer Institute, London, United Kingdom</i>	11.44 - 11.55	100 - The Introduction and optimisation of semi-automatic dispensing in PET <u>Sorcha Curry</u> ¹ , Aidan Griffiths ² , Sofia Pereira ¹ , John Joemon ¹ , Armidita Jacob ¹ , Alyss Harman ¹ , Jane Mackewn ¹ <i>1King's College London & Guy's and St Thomas' PET Centre, School of Biomedical Engineering and Imaging Sciences, King's College London, London, United Kingdom. 2Guy's and St Thomas' NHS Foundation Trust, London, United Kingdom</i>

		12.14 - 12.25	72 - Initial Experience of [¹⁸F] PSMA PET/CT Imaging in a District General Hospital Rob Foley, Stewart Redman, Richard Graham, David Little <i>Royal United Hospital, Bath, United Kingdom</i>	11.55 - 12.06	87 - 69 - Incidental breast lesions in PET/CT: evidence of follow-up & outcome in single centre 2013-2019 Salma Audi, Malavika Nathan <i>Royal Free Hospital, London, United Kingdom</i>	11.55 - 12.06	101 - Contamination Accidents with ^{99m}Tc, ¹⁸F, ⁹⁰Y, ¹²³I and ¹³¹I. Potential skin dose values to the gloved hand and the protective value of different gloves using the Delacroix droplet model and a new model for a 'droplet' calculated with VARSKIN v6.2. Bill Thomson <i>Physics and Nuclear Medicine, Birmingham, United Kingdom</i>
		12.25 - 12.36	73 - Diagnostic efficacy of [¹⁸F] PSMA PET/CT in early detection of biochemically recurrent carcinoma prostate Amrita Tiwary Vyas ¹ , Ajay Gopal Vyas ² , Pankaj Dougall ³ , Abhishek Gupta ² , Man Mohan Mehndiratta ¹ <i>1Janakpuri Superspeciality Hospital, Govt of NCT Delhi, Delhi, India. 2Max Super Speciality Hospital, Vaishali, Ghaziabad, Ghaziabad, India. 3Max Super Speciality Hospital, Delhi, India</i>			12.06 - 12.17	102 - Estimation of effective dose to the sensitive epithelial layer of the lens of the eye after contamination with common radionuclides Matthew Memmott <i>Manchester University Hospitals NHS Foundation Trust, Manchester, United Kingdom</i>
						12.17 - 12.28	103 - Simplifying committed dose calculations for carers and comforters Alexander Smout , James Scuffham <i>Royal Surrey County Hospital, Guildford, United Kingdom</i>
12.30 - 13.30	Lunch break	12.30 - 13.30	Lunch break	12.30 - 13.30		12.30 - 13.30	Lunch break
13.30 - 15.35	FINAL PLENARY SESSION						
	Chairs:						
13.30 - 14.20	PET-CT Inflammation/Infection Imaging Prof Iain Lyburn ¹ and Prof Kevin Davies <i>Gloucestershire Hospitals NHS FT/Cobalt Health and Brighton and Sussex Medical School</i>						
14.20 - 14.35	PRIZE GIVING						
14.35 - 14.50	PRESIDENT HANDOVER						
14.50 - 15.35	HIGHLIGHTS LECTURE Dr Gill Vivian ¹ and Prof Richard Lawson ² <i>²Central Manchester Nuclear Medicine ¹Centre and King's College Hospital</i>						
15.35	Close						