

# IPEM Radiotherapy Biennial Meeting – Draft programme

2<sup>nd</sup>-3<sup>rd</sup> July 2025

Birmingham Conference & Events Centre, Birmingham

Wednesday 2<sup>nd</sup> July  
Session 1

Start	Finish	
12:00	13:00	<b>Registration &amp; Lunch</b>
13:00	13:10	<b>Welcome and Introductions</b> Greg, Martyn, Lucy - RT SIG
13:10	13:30	IPEM Task & Finish group on Breast & IMC Plan robustness Andrew Bird, Worcestershire Acute Hospitals NHS Trust
13:30	13:45	Suitability of Varian's Hypersight CBCT dose calculation for the application of prostate re-planning Billy Chambers, Royal Surrey FT Hospital
13:45	14:00	Auto-generated Radiotherapy Plan Quality: A Comparison of Ethos v2.0 and v1.1 for Head and Neck Cancer Treatment Polly Darby, NHS Grampian
14:00	14:15	VCC experience in treatment of breast patients on Varian Halcyon linacs. Dominic Rafferty, Velindre University NHS Trust
14:15	14:30	End to End dosimetric verification for multi isocentre limb VMAT delivery on a Truebeam Linac Katie Hughes-D'Aeth, Guys Hospital - GSTT NHS Foundation Trust
14:30	14:45	A RapidPlanPT Model for Craniopharyngioma Proton Beam Therapy Treatment Planning Rachel Gordon, University College London Hospitals NHS Foundation Trust
14:45	15:00	Commissioning and Implementation of TBI on Eclipse Debbie Mockridge, University College London Hospital
15:00	15:30	<b>Coffee</b>

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Organised by IPEM's Radiotherapy Special Interest Groups  
Programme and timings subject to change

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Session 2

15:30	16:00	From Concept to Clinic: A Personal Journey Through Radiotherapy Trials <b>Emma Hall</b> , Institute of Cancer Research
16:00	16:20	Ultra-hypofractionated radiotherapy to the stellate ganglia for ventricular arrhythmia using MR-guided radiotherapy – pre-trial commissioning Maxwell Robinson, Oxford University Hospitals NHS Trust
16:20	16:35	Determination and use of patient curvature correction factors in electron MU calculations (or when is it too curvy to calculate)  Neil Richmond, Northern Centre for Cancer Care, Newcastle upon Tyne
16:35	16:55	Diffusing alpha-emitters Radiation Therapy – the role of the Radiotherapy Physicist  Zach Hollis, Cambridge University Hospitals NHS Foundation Trust
16:55	17:00	Wrap Up
18:45	21:00	<b>Evening Social at Roxy Ballroom</b>

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Thursday 3<sup>rd</sup> July  
Session 1 & 2

Start 09:00	Finish 09:30	Registration
09:30	09:35	<b>Welcome and Introductions</b> Greg, Martyn, Lucy - RT SIG
09:35	10:05	Discovery, validation and clinical translation of a new radiotherapy organ at risk <b>Alan McWilliam</b>
10:05	10:25	Epistemic and aleatoric uncertainty in dose prediction models Anthony Carver, University Hospitals Birmingham NHS Foundation Trust
10:25	10:45	Local validation and retrospective impact assessment of AI auto-contouring in radiotherapy Lawrence Gilfrin, Royal Berkshire NHS Foundation Trust
<b>10:45</b>	<b>11:15</b>	<b>Coffee Break</b>
11:15	11:30	A UK audit of TPS calculation of dose to medium in radiotherapy Joe Whitbourn, South Tees Hospitals NHS Foundation Trust
11:30	11:45	RT SIG update Greg Smyth, Chair - RT SIG
11:45	12:30	Interactive Discussion Martyn Gilmore, RT SIG/The Clatterbridge Cancer Centre NHS Foundation Trust; Lucy Faulkner, RT SIG/Swansea Bay UHB
12:30	12:45	Developing a Career Pathway for Dosimetrists Nicky Whilde, Mid and South Essex Foundation Trust
<b>12:45</b>	<b>14:05</b>	<b>Lunch</b>

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## Thursday 3<sup>rd</sup> July Session 3

14:05	14:35	Proton Code of Practice Stuart Green, University Hospitals Birmingham NHS Foundation Trust
14:35	14:55	IPEM topical report: guidance for the use of linac manufacturer integrated quality control. Michael Pearson, Guys and St Thomas' Hospital
14:55	15:00	Quantifying the Geometrical uncertainties involved in End-to-End Testing Harry Bennion, The Royal Marsden NHS Foundation Trust
15:00	15:05	Impact of photon beam profile optimisation between matched Linacs, demonstrated via Patient Specific Quality Assurance (PSQA) using 3D gamma analysis Joanna Cruise, Royal Berkshire Hospital NHS
15:05	15:10	Developing In-House Software to Audit Treatment Verification Imaging in Radiotherapy Nabihah Rahman, Imperial College Healthcare NHS Trust
15:10	15:20	The Development of an MRI Imaging Protocol for Pancreatic Radiotherapy Planning Kirsty Brown, NHS Greater Glasgow & Clyde
15:20	15:30	<b>Wrap up</b>

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