

Image Guided and Adaptive Radiotherapy in Clinical Practice

Day 1: Thursday 12th February 2026

Location: Julian Bloom Lecture Theatre, Conference Centre (RMH), London

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| 10.00 | <i>Registration & Coffee</i> | |
| 10.30 | <i>Welcome Introduction</i> | Margaret Bidmead |
| 10.40 | Patient Preparation and Immobilisation | Helen McNair |
| 11.10 | Surface guided Radiotherapy | Amanda Webster |
| 11.50 | New Technology; Radixact, Elekta Solutions, HyperSight | Alex Dunlop |
| 12.50 | <i>Lunch</i> | |
| 13.55 | Guest Lecture: This Is Not an Apple | Vincent Gregoire |
| 14.55 | Margins for Geometric Uncertainties | David Bernstein |
| 15.35 | <i>Refreshments</i> | |
| 15.50 | CT based online adaptive pathway – Physicist perspective | Liz Adams |
| 16.20 | CT based online adaptive pathway – Radiographer perspective | Siobhan Graham |
| 16.50 | MRI guided adaptive Radiotherapy (MR Linac) pathway | Adam Mitchell |
| 17.20 | Q&A Session (Pre-Course material) & Pizzas | Helen McNair/Sophie Alexander/Margaret Bidmead |
| 18.00 | Practical Sessions | |

| Demo | Location | 18.00-18.40 | 18.40-19.20 | |
|--|-----------------|--------------------|--------------------|--|
| XI (TrueBeam) QC tests and optimisation for CBCT modes | Truebeam | 1 | 2 | |
| CBCT – Radiographer matching and actions | Purple planning | 2 | 1 | |

Friday 13th February 2026

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|-------|---|-------------------------------|
| 08.30 | <i>Morning Coffee</i> | |
| 08.45 | Advanced techniques for gynaecological cancer | Susan Lalondrelle |
| 09.25 | Gynaecological image guided and adaptive Radiotherapy | Sophie Alexander |
| 09.55 | Q&A | Sophie Alexander |
| 10.10 | <i>Refreshments</i> | |
| 10.25 | AI in the Clinical Pathway - New | Sarah Blackledge |
| 11.10 | Renal Techniques | Harshani Green |
| 11.40 | SBRT Planning; Treatment Planning: Treatment Planning Robustness | Emma Wells |
| 12.40 | Practical Planning Concerns | Emma Wells |
| 13.00 | <i>Lunch</i> | |
| 13.50 | SABR for Lung, RPM & 4D | Merina Ahmed |
| 14.30 | Image Verification for lung tumours | Andrew Corns |
| 15.00 | <i>Refreshments</i> | |
| 15.15 | Prostate Cancer Trials; including SBRT and extended field Radiotherapy | Angela Pathmanathan |
| 15.55 | Optimising prostate SBRT | Sophie Alexander |
| 16.25 | Adaptive Bladder, Treatment Planning and Imaging | Shaista Hafeez |
| 17.00 | <i>Grab a glass of wine and some cheese & crackers</i> | |
| 17.10 | IGRT decision making quiz – to treat or not to treat, that is the question? | Helen McNair/Sophie Alexander |
| 17.50 | Course End - Feedback | |

Additional Prerecorded content:

- Head & Neck IGRT Trials, scheduled and reactive adaptive pathways
- Breast Clinical Trials with relevant imaging and Pathway: CBCT verification, Nodal Treatment & Proton Parable, Breast Imaging,
- IGRT for Adaptive bladder and renal SBRT