

## Motion Management Workshop

Wednesday 23 November, Cutler's Hall, Sheffield

**Organising committee:** Lisa-Jane Conway, Royal Surrey NHS Foundation Trust, Helen Grimes, University College London Hospitals NHS Foundation Trust, Aileen Duffton, Beatson West of Scotland and Yat Tsang, Princess Margaret Cancer Centre, John Lilley, Leeds Cancer Centre

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| <b>10.00</b> | <b>Registration and refreshments</b>  |
| <b>10.35</b> | <b>Welcome and introduction</b>   |
| <b>10.40</b> | <b>4D imaging techniques for motion management</b><br><b>Chair: Aileen Duffton, Beatson West of Scotland</b>  |
| <b>10.40</b> | <b>4DCT</b><br><i>Helen Grimes, University College London Hospitals NHS Foundation Trust</i>  |
| <b>10.55</b> | <b>Clinical implementation of 4DCBCT with Varian</b><br><i>Gail Anastasi, Royal Surrey NHS Foundation Trust</i>   |
| <b>11.10</b> | <b>4DCBCT with Elekta</b><br><i>Richard Garratt, Leeds Teaching Hospitals NHS Trust</i>   |
| <b>11.25</b> | <b>4D MR techniques</b><br><i>Mark Warren, The University of Liverpool</i>  |
| <b>11.40</b> | <b>Discussion</b>   |
| <b>11.50</b> | <b>Gating and tracking methods for motion management</b><br><b>Chair: Helen Grimes, University College London Hospitals NHS Foundation Trust</b>                      |
| <b>11.50</b> | <b>Abdominal gated RT with RPM</b><br><i>Marina Khan, Guy's and St Thomas' NHS Foundation Trust</i>   |
| <b>12.05</b> | <b>Motion management of abdominal SABR patients, current status and scope for SGRT</b><br><i>Julie Kilkenny, University Hospitals Birmingham NHS Foundation Trust</i> |
| <b>12.20</b> | <b>Cyberknife clinician perspective</b><br><i>John Conibear, Barts Cancer Centre</i>  |
| <b>12.35</b> | <b>Discussion</b>   |
| <b>12.40</b> | <b>Lunch</b>  |

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| <b>13.40</b> | <b>Compression methods for motion management</b><br><b>Chair: Lisa-Jane Conway, Royal Surrey NHS Foundation Trust</b>                        |
| <b>13.40</b> | <b>Clinical study assessing effectiveness of compression</b><br><i>Louise Turtle, The Clatterbridge Cancer Centre NHS Foundation Trust</i>   |
| <b>13.52</b> | <b>Paddle compression in practice</b><br><i>Kwun-Ye Chu, University of Oxford</i>  |
| <b>14.04</b> | <b>Patient related factors affecting motion management: the evidence and experience</b><br><i>Mairead Daly, The University of Manchester</i> |
| <b>14.16</b> | <b>Challenges in motion management</b>   |
| <b>14.16</b> | <b>The challenge of implementing a motion management device</b><br><i>Sophie Alexander, The Royal Marsden NHS Foundation Trust</i>           |
| <b>14.28</b> | <b>Prostate intrafraction</b><br><i>Jo Mitchell, Edinburgh Cancer Centre</i>   |
| <b>14.40</b> | <b>Refreshments</b>  |
| <b>15.20</b> | <b>Motion management challenges in real-time adaptive</b><br><b>Chair: John Lilley, Leeds Cancer Centre</b>                                  |
| <b>15.20</b> | <b>Oncologist perspective - ViewRay</b><br><i>James Good, University Hospitals Birmingham NHS Foundation Trust</i>                           |
| <b>15.35</b> | <b>Unity</b><br><i>Cynthia Eccles, The Christie NHS Foundation Trust and The University of Manchester</i>                                    |
| <b>15.50</b> | <b>Where are we going with SABR treatments on ETHOS?</b><br><i>Miriam Rashid, Royal Surrey NHS Foundation Trust</i>                          |
| <b>16.05</b> | <b>Future aspirations in motion management</b><br><b>Chair: James Good, University Hospitals Birmingham NHS Foundation Trust</b>             |
| <b>16.05</b> | <b>Safety of prolonged BH for RT</b><br><i>Mike Parkes, University of Amsterdam</i>  |
| <b>16.25</b> | <b>Motion modelling</b><br><i>Jamie McClelland, University College London</i>  |
| <b>16.45</b> | <b>Closing remarks</b>   |
| <b>16.50</b> | <b>Close of workshop</b>   |