**MRI in Radiotherapy 2018**

Monday 26 March

|  |  |  |  |
| --- | --- | --- | --- |
| 10:00-10:15 | Introduction, implementation of MRI in radiotherapy | Marielle Philippens |  |
| 10:15-11:00 | MRI physics I | Rob Tijssen |
| 11:00-11:15 | break | |
| 11:15-12:00 | MRI Physics II | Rob Tijssen |
| 12:00-12:30  12:30-13:00 | MR imaging in treatment position  MRI for RT | Ellart Aalbers  Nico van den Berg |
| 13:00-13:30 | lunch | |
| 13:30-14:15 | DWI for RT Planning and response monitoring | Tim Schakel |
| 14:15-15:00 | Prostate MRI EBRT and brachytherapy | Jochem van der Voort van Zyp |
| 15:00-15:15 | Break | |
| 15:15-15:45 | MRI acquisition prostate   * Patient setup   + Flat table   + Lasers * Imaging protocol   + Goal of each sequence   + Choices in settings | Nico van den Berg |  |
| 15:45-16:15 | MRI interpretation prostate   * GTV delineation   + Use of different images/sequences | Jochem van der Voort van Zijp |  |
| 16:15-17:00 | Hands on MRI prostate   * Open, look and play with the images * Delineation   + GTV | Nico van den Berg  Jochem van der Voort van Zijp |  |
| 17:00-17:30 | Instruction prostate on MR. | Tuan Nguyen/Teun Coolen | MRI  21/22 |

Tuesday 27 March

|  |  |  |  |
| --- | --- | --- | --- |
| 09:30-10:15 | cervix MRI for RT | Ina Schulz |  |
| 10:15-10:45  10:45-11:15 | MRI for Breast cancer  MRI for Breast cancer treatment | Stephanie de Waard  Desirée van den Bongard |
| 11:15-11:30 | break | |
| 11:30-12:15 | Head and neck MRI | Frank Pameijer |
| 12:15-13:00 | Head and neck MRI for RT | Chris Terhaard |
| 13:00-13:30 | lunch | |
| 13:30-14:15 | QA: geometry and general MRI tests | Marielle Philippens |
| 14:15-15:00 | DCE MRI | Astrid van Lier |
| 15:00-15:15 | Break | | |
| 15:15-15:45 | MRI acquisition head & neck   * Patient setup   + Flat table   + Lasers * Imaging protocol   + Goal of each sequence   + Choices in settings | Marielle Philippens |  |
| 15:45-16:15 | MRI interpretation head & neck   * GTV delineation   + Use of different images/sequences | Patricia Doornaert |  |
| 16:15-17:00 | Hands on MRI head & neck   * Open, look and play with the images * Delineation   + GTV | Marielle Philippens  Patricia Doornaert |  |
| 17:00-17:30 | Instruction head&neck on MR. | Tuan Nguyen/Teun Coolen | MRI  21/22 |

Wednesday 28 March

|  |  |  |  |
| --- | --- | --- | --- |
| 09:30-10:15 | MRI for brachytherapy: needle, seed detection, robot | Rien Moerland |  |
| 10:15-10:45  10:45-11:15 | Brain MRI  Brain MRI in RT | Jeroen Hendrikse  Karin Kleynen |
| 11:15-11:30 | break | |
| 11:30-12:15 | safety | Nico van den Berg |
| 12:15-13:00 | MRI guided RT | Bas Raaymakers |
| 13:00-13:30 | lunch | |
| 13:30-14:15 | How will MRI change radiotherapy | Jan Lagendijk |
| 14:15-15:00 | MRI acquisition rectum   * Patient setup   + Flat table   + Lasers * Imaging protocol   + Goal of each sequence   + Choices in settings * DWI | Marielle Philippens |  |
| 15:00-15:45 | MRI interpretation rectum   * GTV delineation   + Use of different images/sequences * OAR delineation   + Use of different images/sequences | Martijn Intven |  |
| 15:45-16:45 | Hands on MRI rectum   * Open, look and play with the images * Delineation   + GTV   + OAR | Marielle Philippens  Martijn Intven |  |
| 16:45-17:30 | Tour MRI at Radiotherapy Dept | Simon Woodings (MRL)  Katelijne vd Ende (MR20, brachytherapy) | MRL, brachy MRI |
| 16:45-18:00 | drinks |  |  |