

## MRI in Radiotherapy 2018 Basic course

Day 1, 1 october 2018

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	MR imaging in treatment position	Ellart Aalbers	
12:30-13:00	MRI for RT	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 <ul style="list-style-type: none"> <li>• Patient setup</li> <li>• Imaging protocol</li> </ul>	Nico van den Berg,	
15:45-16:15	MRI interpretation prostate <ul style="list-style-type: none"> <li>• GTV delineation</li> </ul>	Jochem van der Voort van Zyp	
16:15-17:00	Hands on MRI prostate <ul style="list-style-type: none"> <li>• Patient images</li> <li>• Delineation <ul style="list-style-type: none"> <li>○ GTV</li> </ul> </li> </ul>	Nico van den Berg, Jochem van der Voort van Zyp	
17:00-17:30	Instruction prostate on MR.	Teun Coolen	MRI 21/22

Day 2, 2 october 2018

09:30-10:00	Brain MRI	Jeroen Hendrikse	
10:00-10:30	Brain MRI in RT	Karin Kleynen	
10:30-11:15	How will MRI change radiotherapy	Jan Lagendijk	
11:15-11:30	Break		
11:30-12:15	MRI for brachytherapy: needle, seed detection, robot	Rien Moerland	
12:15-13:00	safety	Nico van den Berg,	
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 <ul style="list-style-type: none"> <li>• Patient setup</li> <li>• Imaging protocol</li> </ul>	Marielle Philippens akkoord	
15:45-16:15	MRI interpretation head & neck <ul style="list-style-type: none"> <li>• GTV delineation <ul style="list-style-type: none"> <li>○ Use of different images/sequences</li> </ul> </li> </ul>	Patricia Doornaert	
16:15-17:00	Hands on MRI head & neck <ul style="list-style-type: none"> <li>• Patient images</li> <li>• Delineation <ul style="list-style-type: none"> <li>○ GTV</li> </ul> </li> </ul>	Marielle Philippens Patricia Doornaert	
17:00-17:30	Instruction head&neck on MR.	Teun Coolen	MRI 21/22

Day 3, 3 october 2018

09:30-10:15	Head and neck MRI	Chris Terhaard	
10:15-11:00	Head and neck MRI for RT	Chris Terhaard	
11:00-11:15	Break		
11:15-12:00	Cervix MRI for RT	Ina Schulz	
12:15-13:00	MRI guided RT	Bas Raaymakers	
13:00-13:30	Lunch		