

SASRO One Day Multidisciplinary Workshop: MR integration in radiation therapy

May 22, 2023 from 10:00 to 16:00 at Zurich University Hospital

Organizers: Stephanie Tanadini-Lang, Ina Katerina Nilo, Brigitta Baumert, Oliver Riesterer

10:00 – 12:00 Part 1: Current developments in MR integration

10:00 - 10:10	Welcome
10:10 - 10:30	Synthetic CT (<i>Ricardo dal Bello</i>)
10:30 - 10:50	Adaptive planning – MR based (<i>Stefanie Corradini, LMU München</i>)
10:50 - 11:10	MR-Linac (<i>Nienke Weitkam, Amsterdam UMC</i>)
11:10 - 11:30	Most common MR sequences easily explained (<i>Jatta Berberat, KSA</i>)
11:30 - 12:00	Existing guidelines for MR-based GTV and CTV Delineation (<i>Sonja Stieb, KSA</i>)

12:00 - 13:00 Lunch Break

13:00 - 14:30 Part 2: Workshops

Physicians MR integration in radiotherapy for specific cancer types

13:00 -13:20	Prostate (<i>Thomas Zilli, IOSI</i>)
13:20 -13:40	Partial breast (<i>Pelagia Tsoutsou, HUG</i>)
13:40-14:00	Brain metastases (<i>Nicolaus Andratschke, USZ</i>)
14:00-14:20	Primary brain and spine tumors (<i>Susanne Rogers, KSA</i>)
14:20-14:40	Head and neck cancer (<i>Oliver Riesterer, KSA</i>)

RTTs MR safety and patient positioning (at the MR scanner) *Kira Wang, Alessandro Mencarelli*

Physics QA for MR *Michael Baumgartl, Silvia Fabiano, both USZ*

14:30 - 15:00 Coffee Break

15:00 - 16:00 Part 3: Industry Presentations (20 min each)



Elekta Presentation



Siemens Presentation



Viewray "The MRIdian Linac and A3i" (*Jorn Verweij*)