

SASRO Workshop- Time to Adapt: Shaping the Future of Online Adaptive Radiotherapy Across Modalities

March 23, 2026 from 09:30 to 17:15 at Kantonsspital Aarau

Organizers: Oliver Riesterer (KSA), Stephanie Tanadini-Lang (USZ), Francesca Albertini (PSI), Jenny Bertholet (Universitäts Spital Bern), Katarina Nilo (USZ), Stephanie Thoma (KSA)

09:30 - 12:45	Part A: Setting the Scene	
	Topic	Moderators: S. Tanadini-Lang, S. Thoma
09:30 - 09:40	Welcome and Introduction	
09:40 - 10:10	Time to Adapt? - Lorenzo Placidi- Rome Introduction, nomenclature, workflows, open issues	
10:10 - 10:30	Auto-Segmentation & QA - Andreas Smolders -PSI/Leuven AI contouring, uncertainty evaluation, automatic QA	
10:30 - 10:50	Synthetic Images & QA - Riccardo dal Bello, Zurich) sinCT use, GenAI future, multicenter QA initiatives	
10:50 - 11:20	Coffee Break (30 minutes)	
	Topic	Moderators: F. Albertini, H. Garcia
11:20 - 11:50	Implementation of Adaptive Radiotherapy - Liselotte ten Asbroek -Zwolsman . Twente FMEA, lessons learned, risk mitigation, need of multidisciplinary team	
11:50 - 12:10	On-line / Real-time Planning & QA – Daniel Schmidhalter, Bern Preparatory steps, SBRT/breath-hold, DL optimization, speed vs. accuracy	
12:10 - 12:30	Documentation & Dose Accumulation – Florian Amstutz, Bern Daily vs. final reporting, rigid vs. deformable, decision-making & outcome studies	
12:30 - 12:45	Discussion & Wrap-up of Part A	
12:45 - 14:00	Lunch Break (75 minutes)	
14:00 - 17:00	Part B: Clinical Workflows & Responsibilities	
	Topic	Moderators: B. De Bari; J. Bertholet
14:30 - 14:30	Clinical Indications – Esther Troost - Dresden Evidence and needs for Online ART	
14:30 - 15:20	Indications – Part 1 : 1. Head & Neck- Panagiotis Balermpas, Zurich 2. GI -Hossein Hemmatazad, Bern 3. Prostate- Stephanie Thoma, Aarau 4. Lung - Esther Troost, Dresden	
15:20 – 15:50	Coffee Break (30 minutes)	
15:50 - 16:45	Workflows – Part 2: 1. The learning curve in adaptive radiotherapy- Daniel Taussky, Latour 2. MRI vs CT based adaptation - Helena Garcia, St Gallen 3. Role changes for MD, RTT and Medphys for adaptive therapy - Nathan Corradini, Lugano 4. RTT-led adaptive radiotherapy- Liselotte ten Asbroek-Zwolsman , Twente	Moderators : O. Riesterer, I. Nilo
16:45 - 17:00	Discussion & Wrap-up of Part B	
17:00 - 17:15	Closing Discussion	

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