

## Advanced workshop: image-guided adaptive brachy for gynecology

### Monday, February 8

		Presenter / Moderator	Location
08:30 – 09:00	Registration		
<b>OPENING</b>			
09:00 – 09:15	Welcome	Faculty	
09:15 – 10:00	<ul style="list-style-type: none"> <li>Program overview and objectives</li> <li>GYN Brachytherapy at MUW/AKH Wien</li> </ul>	Alina Sturdza/ Nicole Eder-Nesvacil	
10:00 – 10:50	Participant Presentations; current situation versus the required situation <ul style="list-style-type: none"> <li>Organization and staff</li> <li>Protocol and techniques</li> <li>Infrastructure and tooling</li> <li>Workshop personal objectives</li> </ul>	Participants  Alina Sturdza Faculty	
<b>10:50 – 11:00</b>	<b>Coffee break</b>		
<b>IMAGING AND CONTOURING</b>			
11:00 – 11:45	Overview of GYN ICRU/GEC-ESTRO target concept and EMBRACE II Results	Richard Pötter	
11:45 – 12:30	Rationale for interstitial techniques	Umesh Mahantshetty	
<b>12:30 – 13:30</b>	<b>Lunch</b>		
<b>IMAGING AND APPLICATOR RECONSTRUCTION</b>			
13:30 – 14:00	Imaging	Maximilian Schmid	
14:00 – 14:30	Applicator reconstruction	Nicole Eder-Nesvacil	
14:30 – 15:00	Setup registration, image fusion and uncertainties	Nicole Eder-Nesvacil	
<b>15:00 – 15:30</b>	<b>Coffee Break</b>		
<b>TREATMENT SCHEDULE AND CONTOURING hands-on</b>			
15:30 - 16:45	Clinical examples and hands-on contouring exercise	Vincent Dick and Faculty	
16:45 – 17:15 17:15 – 17:45	Logistics including live case preparation	Maximilian Schmid Vincent Dick	
<b>19:30 – 22:30</b>	<b>Dinner with participants and faculty</b>		<b>Fromme Helene</b>

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**Tuesday, February 9**

		Presenter/ Moderator	Location	
<b>SESSIONS AT AKH VIENNA</b>				
9:00-9:45	Arrival at AKH Vienna and small BT department tour	Vincent Dick, Faculty	AKH Vienna	
<b>BREAK-OUT SESSION</b>				
09:45 –	<b>PHYSICIANS</b>		<b>PHYSICISTS</b>	
	Live case in operating theatre	Alina Sturdza	Applicator reconstruction Treatment planning QA Video Case	Christian Kirisits, Nicole Eder-Nesvacil, Aleksandra Winkler, Maximilian Schmid
– 11:00	Application hands-on with applicators and phantom / Examples of different applicator types	Maximilian Schmid, Vincent Dick, Umesh Mahantshetty		AKH Vienna Operating Theatre Conference Room
<b>11:00 – 11:30</b>	<b>Break</b>			
<b>TREATMENT PLANNING</b>				
11:30 – 12:00	Applications techniques	Maximilian Schmid, Christian Kirisits		
12:00 - 12:30	Recap discussion – applicators, techniques and pre-planning	Maximilian Schmid, Christian Kirisits, Umesh Mahantshetty		
<b>12:30 - 13:15</b>	<b>Lunch</b>			
13:15 – 13:30	Treatment planning - basics	Christian Kirisits		
13:30 – 14:00	Discussion: What are your dose constraints for target and OARs?	Christian Kirisits, Umesh Mahantshetty, Maximilian Schmid		
14:00 – 15:00	Solutions and Demonstrations Hands-on treatment planning including contouring of live case including EQD2 sheet, imaging and clinical exam information (detailed schedule depending on live case)	Entire faculty		
15:00 – 15:30	Summary on morbidity of IGABT	Alina Sturdza		
<b>CONCLUSIONS</b>				
15:30 – 16:00	Evaluation form completion	All		
16:00 – 16:30	Conclusion	Alina Sturdza/Nicole Eder-Nesvacil Elena Dizendorf		