

EPTN/ESTRO workshop on paediatric proton therapy

Venue: West German Proton Therapy Center Essen (WPE), Germany

Program on Thursday, January 16, 2025

08:30	09:00	WELCOME WITH COFFEE			
Session 1: Introduction					
09:00	09:45	General consideration in paediatric radiotherapy & Principle benefits of proton therapy	Beate Timmermann		
09:45	09:50	Discussion			
09:50	10:20	Proton Therapy in Pediatric Tumors - how do we select?	Yasmin Lassen		
10:20	10:30	Discussion			
10:30	11:00	Clinical experience after more than 2,000 children treated in Essen	Sabine Frisch		
11:00	11:05	Discussion			
11:05	11:20	COFFEE BREAK			
Session 2: Treatment planning					
11:20	11:40	Challenges in treatment planning for pediatric tumors from a medical physicist's-eye view	Paul-Heinz Kramer		
11:40	11:50	Discussion			
11:50	12:10	Treatment plan optimization beyond dose	Armin Lühr		
12:10	12:20	Discussion			
Session 3a: Advanced treatment planning and delivery			Session 3b: for RTTs		
12:20	12:50	Challenges in specific target volumes for radiotherapy	Sandija Plaude	Psychosocial needs and actual support for CAYA patients in radiotherapy and beyond	Andreas Wiener
12:50	12:55	Discussion		Discussion	
12:55	13:15	Advanced Proton Therapy and Image Guidance Techniques in the Treatment of Paediatric Malignancies: Challenges and Future Directions	Christian Bäumer	Benefits of AlignRT in the management of paediatric tumors	Xavier Vermeren
13:15	13:20	Discussion		Discussion	
13:20	14:00	LUNCH BREAK			

Session 4: Morbidity/secondary cancer			
14:00	14:30	Late effects and second cancers in patients with childhood cancer	Livia Schmidt
14:30	14:35	Discussion	
14:35	14:55	Understanding late effects of radiation exposure in paediatrics: The HARMONIC project	Martina Wette
14:55	15:00	Discussion	
15:00	15:20	Imaging changes and brain stem toxicity	Sarah Peters
15:20	15:30	Discussion	
15:30	15:45	COFFEE BREAK	
15:45	16:45	Case presentations (3)	Participants present their cases
16:45	17:45	Facility tour WPE	WPE Staff
18:30	22:00	DINNER (RESTAURANT XX)	

Program on Friday, January 17, 2025

08:00	8:15	GOOD MORNING WITH COFFEE	
08:15	9:15	Case presentations (3)	Participants present their cases
Session 5: Plan discussion			
09:15	10:00	Life interdisciplinary proton plan discussion	
10:00	10:15	COFFEE BREAK	
Session 6: QA & Re-RT			
10:15	10:40	Quality Assurance in Pediatric Radiation Oncology: Outcome Should'nt Be an Accident	Beate Timmermann
10:40	10:45	Discussion	
10:45	11:45	Case presentations (3)	Participants present their cases
11:45	12:05	Re-irradiation for children	Dominik Lisowski
12:05	12:15	Discussion	
12:15	13:00	LUNCH BREAK	
Session 7: Various			
13:00	13:20	Appropriate Timing of RT	Rolf-Dieter Kortmann
13:20	13:30	Discussion	
13:30	13:50	Challenges of sedation and RT in infants	Torben Grub
13:50	14:00	Discussion	
14:00	14:15	Closing remarks	Morten Hoyer & Beate Timmermann