

## Pediatric Radiology training course Brasov 2019 – the Basics

### Tuesday

08:00 - 08:30	<b>Registration</b>	
08:20 - 08:40	Initial self-assessment test	
08:40 - 09:00	Opening & introduction; groups & general information	(Otelea / Olteanu / Kasnia-Brown / Riccabona)
09:00 - 11:00	<b>Hands-on in 3-4 groups / participation in clinical work</b>	
11:00 - 11:20	<b>Coffee break</b>	
11:20 - 11:40	Basics of radiation protection & awareness in pediatric radiology	(Riccabona)
11:40 - 12:00	Films and Digital Radiography - specific needs for pediatric radiology	(Olteanu)
12:00 - 12:40	Fluoroscopy and cone beam radiography - how to prudently apply in neonates, infants, children	(Tschauner)
12:40 - 12:50	<i>Questions</i>	
12:50 - 14:20	<b>Lunch</b>	
14:20 - 15:00	Ultrasound - basics revisited and special needs for pediatric applications	(Riccabona)
15:00 - 15:40	Typical US applications in children (e.g. UTI, appendicitis, pneumonia, abdominal pain ...)	(Fufezan)
15:40 - 15:50	<i>Questions</i>	
15:50 - 16:10	<b>Coffee break</b>	
16:10 - 17:00	Imaging the pediatric cardiovascular system	(Tschauner)
17:00 - 17:50	Imaging in common pediatric emergency situations (except neonates & trauma)	(Riccabona)
17:50 - 18:00	<i>Questions</i>	

19:00 *Welcome event (TBA)*

### Wednesday

08:30 - 10:30	<b>Hands-on in 4 groups / participation in clinical work</b>	
10:30 - 10:45	<b>Coffee break</b>	
10:45 - 11:20	Imaging the pediatric skeleton - methods, approaches, common findings	(Kasnia-Brown)
11:20 - 12:00	Typical imaging applications and common findings in neonates (brain, spine, chest, abdomen)	(Riccabona)
12:00 - 12:25	Basic rules for simple image guided interventions in childhood	(Asavoai)
12:25 - 12:30	<i>Questions</i>	
12:30 - 14:00	<b>Lunch</b>	
14:00 - 14:40	Pediatric chest imaging: plain film, CT and US	(Tschauner)
14:40 - 15:10	Contrast media use in infants and children	(Riccabona)
15:10 - 15:40	Imaging in pediatric trauma and non-accidental trauma	(Tschauner)
15:40 - 15:45	<i>Questions</i>	
15:45 - 16:00	<b>Coffee break</b>	
16:00 - 18:00	<b>Afternoon workshops in 3 groups</b>	

20:00 *Get together event / Faculty dinner (TBA)*

### Thursday

08:30 - 10:30	<b>Hands-on in 4 groups / participation in clinical work</b>	
10:20 - 10:40	<b>Coffee break</b>	
10:40 - 11:20	Imaging in common pediatric MSK tumours: diagnosis, Ddx, complications & follow-up	(Kasnia-Brown)
11:20 - 12:00	CT - basics revisited and special needs for pediatric applications	(Tschauner)
11:40 - 12:20	Imaging in common pediatric body & neuro tumours: diagnosis, Ddx, complications, follow-up	(Kasnia-Brown)
12:20 - 12:30	<i>Questions</i>	
12:30 - 14:00	<b>Lunch</b>	
14:00 - 14:30	Typical childhood queries that illustrate the difference in imaging compared to adults	(Asavoai)
14:30 - 15:10	Typical & common muscular & small part queries in childhood (including joints) - when to use what: XR, CT, US, or MRI? And how do things look?	(Kasnia-Brown)
15:10 - 15:40	How to tailor specific paediatric CT protocols, and how do things look like	(Tschauner)
15:40 - 15:45	<i>Questions</i>	
15:45 - 16:00	<b>Coffee break</b>	
16:00 - 18:00	<b>Afternoon workshops in 3 groups</b>	

19:00 *Course dinner (TBA)*

### Friday

08:30 - 10:30	<b>Hands-on in 4 groups</b>	
10:30 - 10:50	<b>Coffee break</b>	
10:50 - 11:20	MRI - basics revisited and special needs / adaptations for pediatric applications	(Tschauner)
11:20 - 11:50	Pediatric Neuro-MRI	(Kasnia-Brown)
11:50 - 12:20	Pediatric Body-MRI	(Riccabona)
12:20 - 12:50	MRI in the paediatric musculoskeletal system	(Kasnia-Brown)
12:50 - 13:00	<i>Questions</i>	
13:00 - 14:30	<b>Lunch</b>	
14:30 - 16:30	<b>Afternoon workshops in 3 groups</b>	
16:30 - 16:50	Final self-assessment test	
16:60 - 17:10	Final remarks, feedback & discussion	
17:10 - 17:30	Closing, distribution of certificates	(Otelea / Olteanu / Kasnia-Brown / Riccabona)
17:30	<b>Coffee &amp; End</b>	