

PROGRAMME

ESMRMB – School of MRI

Advanced MR Imaging in Paediatric Radiology

Geneva/CH – November 18-20, 2010

Thursday, November 18, 2010

07:00 – 08:00 Registration

	Topic/Item	Speaker
08:00 – 09:00	Topic 1 MRI in children: Optimal Preparation and Techniques <ul style="list-style-type: none">- to describe the environment and monitoring that is indispensable for the success of the examination- to optimise the sequences for paediatric examinations	O. Olsen, London/UK
09:00 – 10:00	Topic 2 MR Urography in Children <ul style="list-style-type: none">- to discuss the strategy for the work-up of congenital urinary tract malformations- to discuss the role of Uro-MRI in the assessment of renal function	J.N. Dacher, Rouen/FR
10:00 – 10:30	Coffee Break	
10:30 – 11:30	Topic 3 Neuro MRI 1 <ul style="list-style-type: none">- techniques of neuro MRI: new sequences, diffusion, spectroscopy- neonatal lesions and infections	J.F. Chateil, Bordeaux/FR
11:30 – 12:30	Repetition of Topic 1, 2 and 3 in groups in the seminar rooms	
12:30 – 13:30	Lunch Break	
13:30 – 14:30	Repetition of Topic 1, 2 and 3 in groups in the seminar rooms	

- 14:30 – 15:30** **Topic 4** **A. Rossi, Genoa/IT**
Neuro MRI 2
- Malformations (brain and spine), tumours
 - Presentation, sequences, strategy
- 15:30 – 16:00** **Coffee Break**
- 16:00 – 17:00** **Repetition of Topic 4 (main auditorium)**
- 16:00 – 18:00** **Repetition of Topic 1, 2 and 3 in groups in the seminar rooms**
- 20:00** **Welcome Dinner:**
All participants and faculty members are invited

Friday, November 19, 2010

- | | Topic/Item | Speaker |
|----------------------|--|--------------------------------|
| 08:00 – 09:00 | Topic 5
Fetal MRI | M. Cassart, Brussels/BE |
| | <ul style="list-style-type: none">- to discuss the best indications and sequences of foetal MR imaging- to illustrate anomalies affecting the foetal brain, chest and abdomen | |
| 09:00 – 10:00 | Topic 6
Musculoskeletal MRI in children 2 | L. Merlini, Genève/CH |
| | <ul style="list-style-type: none">- infections, soft tissues pathology : differential diagnostics, typical and atypical features- notion of whole body | |
| 10:00 – 10:30 | Coffee Break | |
| 10:30 – 11:30 | Topic 7
Musculoskeletal MRI in children 1 | M. Alison, Paris/FR |
| | <ul style="list-style-type: none">- to optimise musculoskeletal sequences for their use in children trauma (mainly focused on sports injuries), tumors and osteonecrosis | |

- 11:30 – 12:30** **Topic 8** **A.M. Smets, Amsterdam/NL**
Abdominal MRI: tumours
- to discuss the best strategy for the work-up of paediatric abdominal tumours
 - to illustrate the features of most common tumours of the child's abdomen (liver, adrenal, kidneys, etc)
- 12:30 – 13:30** **Lunch Break**
- 13:30 – 15:30** **Repetition of Topic 5, 6, 7 and 8 in groups in the seminar rooms**
- 15:30 – 16:00** **Coffee Break**
- 16:00 – 18:00** **Repetition of Topic 5, 6, 7 and 8 in groups in the seminar rooms**

Saturday, November 20, 2010

- | | Topic/Item | Speaker |
|----------------------|---|------------------------------------|
| 08:30 – 09:30 | Topic 9
Abdominal MRI: Digestive <ul style="list-style-type: none">- to illustrate more recent MRI applications in the paediatric abdomen, including biliary tract evaluation and entero MRI | A. Borthne, Lorenskog/NO |
| 09:30 – 10:30 | Topic 10
Cardiovascular MRI in children <ul style="list-style-type: none">- to discuss the strategy of imaging cardiovascular anomalies in children- to illustrate the strengths and limitations of the technique | Ch. Kellenberger, Zurich/CH |
| 10:30 – 11:00 | Coffee Break | |
| 11:00 – 13:00 | Repetition of Topic 9 and 10 in groups in the seminar rooms | |
| 13:00 – 13:30 | Self assessment test (not obligatory) | |
| 13:30 | End of course | |