

## Paediatric radiology training course Bucharest 2017 (THEORY ONLY)

### Tuesday

|               |   |   |
|---------------|---|---|
| 08:00 - 08:30 | <b>Registration</b>   |   |
| 08:20 - 08:40 | Initial self-assessment test  |   |
| 08:40 - 09:00 | Opening   | (Riccabona / Sorantin / Enescu / Lupescu / Olteanu) |
| 11:00 - 11:20 | <b>Coffee break</b>   |   |
| 11:20 - 11:40 | Basics of radiation protection & awareness in paediatric radiology                            | (Riccabona)   |
| 11:40 - 12:00 | Films and Digital Radiography - specific needs for paediatric radiology                       | (Olteanu)   |
| 12:00 - 12:40 | Fluoroscopy and cone beam radiography - how to prudently apply in neonates, infants, children | (Sorantin)  |
| 12:40 - 12:50 | Questions   |   |
| 14:20 - 15:00 | Ultrasound - basics revisited and special needs for paediatric applications                   | (Riccabona)   |
| 15:00 - 15:40 | Typical US applications in children (e.g.: UTI, appendicitis, pneumonia, abdominal pain ...)  | (Fufezan)   |
| 15:40 - 15:50 | Questions   |   |
| 15:50 - 16:10 | <b>Coffee break</b>   |   |
| 16:10 - 17:00 | Imaging the paediatric cardiovascular system  | (Sorantin)  |
| 17:00 - 17:50 | Imaging in common paediatric emergency situations (except neonates & trauma)                  | (Riccabona)   |
| 17:50 - 18:00 | Questions   |   |

### Wednesday

|               |   |             |
|---------------|---|-------------|
| 10:30 - 10:45 | <b>Coffee break</b>   |             |
| 10:45 - 11:20 | Imaging the paediatric skeleton - methods, approaches, common findings              | (Humphries) |
| 11:20 - 12:00 | Typical 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 | Questions   |             |
| 14:00 - 14:40 | Paediatric chest imaging: plain film, CT and US                                     | (Sorantin)  |
| 14:40 - 15:10 | Contrast media use in infants and children  | (Riccabona) |
| 15:10 - 15:40 | Imaging in paediatric trauma and non-accidental trauma                              | (Sorantin)  |
| 15:40 - 15:45 | Questions   |             |
| 15:45 - 16:00 | <b>Coffee break</b>   |             |

### Thursday

|               |   |             |
|---------------|---|-------------|
| 10:25 - 10:40 | <b>Coffee break</b>   |             |
| 10:40 - 11:20 | Imaging in common paediatric tumours: diagnosis, DDx, complications & follow-up   | (Humphries) |
| 11:20 - 12:00 | CT - basics revisited and special needs for paediatric applications   | (Sorantin)  |
| 11:40 - 12:20 | Typical childhood queries that demonstrate the difference in imaging compared to adults   | (Riccabona) |
| 12:20 - 12:30 | Questions   |             |
| 14:00 - 14:30 | What every paediatric radiologist should know about nuclear medicine  | (Stan)      |
| 14:30 - 15:10 | Typical & common muscular & small part queries in childhood (including joints) –<br>- when to use what: XR, CT, US, or MRI? And how do things look? | (Humphries) |
| 15:10 - 15:40 | How to tailor specific paediatric CT protocols, and how do things look like   | (Sorantin)  |
| 15:40 - 15:45 | Questions   |             |
| 15:45 - 16:00 | <b>Coffee break</b>   |             |

### Friday

|               |  |                       |
|---------------|--|-----------------------|
| 10:30 - 10:50 | <b>Coffee break</b>  |                       |
| 10:50 - 11:20 | MRI - basics revisited and special needs / adaptations for paediatric applications | (Humphries)           |
| 11:20 - 11:50 | Paediatric Neuro-MRI   | (Sorantin)            |
| 11:50 - 12:20 | MRI in the paediatric musculoskeletal system                                       | (Humphries)           |
| 12:20 - 12:30 | Questions  |                       |
| 15:30 - 16:00 | Paediatric Body-MRI  | (Riccabona)           |
| 16:00 - 16:20 | Self-assessment test   |                       |
| 16:20 - 16:45 | Final remarks, feedback & discussion   |                       |
| 16:45 - 17:00 | Closing, distribution of certificates  | (Riccabona / Olteanu) |
| 17:00         | <b>Coffee &amp; End</b>  |                       |