Summer School of paediatric respiratory medicine

1-4 July 2020
Berlin, Germany

Wednesday, 1 July 2020

08:45 – 09:00  Registration
09:00 – 09:05  Welcome from the organising committee

**Session 1 – Airway endoscopy – F. Midulla**
*Incl. MCQs on airway endoscopy*
09:05 – 10:05  Rigid and flexible bronchoscopy: diagnostic and interventional

**Session 2 – Congenital malformations – E. Eber**
*Incl. MCQs on congenital malformations*
10:05 – 10:50  Airway and vascular malformations
10:50 – 11:15  Break

11:15 – 12:00  Parenchymal lung malformations
12:00 – 12:30  Case based discussion on congenital malformations (cases submitted by participants)
12:30 – 13:30  Lunch

**Session 3 – Lung function testing I – N. Regamey**
*Incl. MCQs on lung function testing*
13:30 – 13:45  Inflammatory markers
13:45 – 14:35  Static and dynamic lung volumes and their measurement
14:35 – 15:05  Break

**Session 4 – Acute and chronic respiratory infections – E. Eber, M. Pijnenburg**
*Incl. MCQs on acute and chronic respiratory infections*
15:25 – 16:15  Pneumonia in children, pleural infection, necrotising pneumonia and lung abscess – M. Pijnenburg
16:15 – 17:00  Case based discussion on acute and chronic respiratory infections (cases submitted by participants)
17:00  *Welcome drink*
Thursday, 2 July 2020

Session 5 – Lung function testing II and sleep medicine – M. Gappa, R. Ersu
*Incl. MCQs on lung function testing*

09:00 – 09:25  Multiple breath washout techniques – M. Gappa
09:25 – 09:45  Reversibility testing and bronchial provocation – M. Gappa
09:45 – 10:15  Assessment of sleep disordered breathing – R. Ersu

10:15 – 10:45  *Break*

Session 6 – Lung imaging – M. Beer
*Incl. MCQs on lung imaging*

10:45 – 11:30  Advantages and disadvantages of imaging techniques

Session 7 – WORKSHOPS

11:30 – 12:30  *Lung function testing*  
Round 1  
M. Gappa & N. Regamey
Endoscopy  
E. Eber & F. Midulla
Imaging  
M. Beer
Polysomnography  
R. Ersu

12:30 – 13:30  *Lunch*

13:30 – 14:30  *Lung function testing*  
Round 2  
M. Gappa & N. Regamey
Endoscopy  
E. Eber & F. Midulla
Imaging  
M. Beer
Polysomnography  
R. Ersu

Session 8 – Rare disorders and chronic respiratory failure – R. Ersu, A. Hadchouel-Duvergé
*Incl. MCQs on Rare disorders and chronic respiratory failure*

14:30 – 15:00  Bronchopulmonary dysplasia and chronic lung disease of prematurity - A. Hadchouel-Duvergé
15:00 – 15:30  Chronic respiratory failure and noninvasive ventilation – R. Ersu

15:30 – 16:00  *Break*

16:00 – 16:25  Interstitial lung diseases (and systemic disorders with lung involvement – online module) - A. Hadchouel-Duvergé
16:25 – 16:45 Surfactant dysfunction and alveolar proteinosis - A. Hadchouel-Duvergé
16:45 – 17:30  Case based discussion on rare disorders (cases submitted by participants)

18:00  *City tour*
Friday, 3 July 2020

Session 9 – Cystic fibrosis and non-CF bronchiectasis – F. Midulla, N. Regamey
   Incl. MCQs on Cystic fibrosis
09:00 – 09:45 Primary ciliary dyskinesia and non-CF bronchiectasis – F. Midulla
09:45 – 10:15 Genetics, pathophysiology and diagnosis of CF – N. Regamey

10:15 – 10:45 Break

10:45 – 11:15 CF lung disease and lung transplantation – N. Regamey
11:15 – 11:45 Extrapulmonary CF – N. Regamey

11:45 – 12:30 Case based discussion on cystic fibrosis (cases submitted by participants)

12:30 – 13:30 Lunch

13:30 – 14:30 Session 10 – WORKSHOPS
   Round 3
   Lung function testing – M. Gappa & N. Regamey
   Endoscopy – E. Eber & F. Midulla
   Imaging – M. Beer
   Polysomnography – R. Ersu
   Static and dynamic lung volumes, reversibility testing, application and interpretation of lung function testing

14:30 – 15:00 Break

15:00 – 16:00 Session 10 – WORKSHOPS
   Round 4
   Lung function testing – M. Gappa & N. Regamey
   Endoscopy – E. Eber & F. Midulla
   Imaging – M. Beer
   Polysomnography – R. Ersu
Saturday, 4 July 2020

Session 11 – Bronchial asthma and wheezing disorders – F. Midulla, M. Pijnenburg
Incl. MCQs on Bronchial asthma and wheezing disorders
09:00 – 09:30  Acute viral bronchiolitis – F. Midulla
09:30 – 10:30  Acute asthma and treatment of asthma in pre-schoolers and school children
               – M. Pijnenburg
10:30 – 11:00  Break

Session 12 – Tuberculosis – M. Gappa, F. Maurer
Incl. MCQs on Tuberculosis
11:00 – 11:30  Basics in diagnosis and treatment – M. Gappa
11:30 – 12:00  Multi-drug-resistant tuberculosis – F. Maurer
12:00 – 12:30  Case based discussion on tuberculosis (cases submitted by participants)
12:30 – 12:45  Q&A and closing

ERS HERMES self-assessment course in paediatric medicine
Faculty: E. Eber, F. Midulla
Additional registration required. Special fee for summer school participants: €75
13:30 – 14:45  Simulated HERMES examination
14:45 – 15:00  Break
15:00 – 17:00  Feedback and discussion of examination questions