



Summer School of paediatric respiratory medicine

30 June – 1 July 2021

Berlin, Germany

Wednesday, 30 June 2021

08:45 – 09:00	Registration
09:00 – 09:05	Welcome from the organising committee
	Session 1 – Airway endoscopy – F. Midulla <i>Incl. MCQs on airway endoscopy</i>
09:05 – 10:05	Rigid and flexible bronchoscopy: diagnostic and interventional
	Session 2 – Congenital malformations – E. Eber <i>Incl. MCQs on congenital malformations</i>
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 <i>Incl. MCQs on lung function testing</i>
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 <i>Incl. MCQs on acute and chronic respiratory infections</i>
15:05 – 15:25	Protracted bacterial bronchitis – E. Eber
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

Please note that this is a provisional programme that might be subject to change.



Thursday, 1 July 2021

	Session 5 – Lung function testing II and sleep medicine – M. Gappa, R. Ersu <i>Incl. MCQs on lung function testing</i>			
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	<i>Break</i>			
	Session 6 – Lung imaging – M. Beer <i>Incl. MCQs on lung imaging</i>			
10:45 – 11:30	Advantages and disadvantages of imaging techniques			
	Session 7 – WORKSHOPS			
11:30 – 12:30	Lung function testing	Endoscopy	Imaging	Polysomnography
Round 1	M. Gappa & N. Regamey	E. Eber & F. Midulla	M. Beer	R. Ersu
12:30 – 13:30	<i>Lunch</i>			
13:30 – 14:30	Lung function testing	Endoscopy	Imaging	Polysomnography
Round 2	M. Gappa & N. Regamey	E. Eber & F. Midulla	M. Beer	R. Ersu
	Session 8 – Rare disorders and chronic respiratory failure – R. Ersu, A. Hadchouel-Duvergé <i>Incl. MCQs on Rare disorders and chronic respiratory failure</i>			
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	<i>Break</i>			
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	<i>City tour</i>			

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Friday, 2 July 2021

	Session 9 – Cystic fibrosis and non-CF bronchiectasis – F. Midulla, N. Regamey <i>Incl. MCQs on Cystic fibrosis</i>			
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	<i>Break</i>			
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	<i>Lunch</i>			
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
14:30 – 15:00	<i>Break</i>			
15:00 – 16:00	Lung function testing M. Gappa & N. Regamey	Endoscopy E. Eber & F. Midulla	Imaging M. Beer	Polysomnography R. Ersu
Round 4				



Saturday, 3 July 2021

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, TBC
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
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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