



# Academy of paediatric respiratory medicine

## Part 1: 27–29 June 2023 – Online

### HERMES Self-assessment course

#### 29 June 2023

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## Tuesday, 27 June 2023

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### **Introduction**

09:00–09:15 Welcome and introduction – E. Eber, M. Gappa, F. Midulla

### **Session 1 - Airway endoscopy**

**Chairs:** E. Eber, M. Ghezzi

09:15–09:45 Rigid and flexible bronchoscopy – F. Midulla

### **Session 2 – Acute respiratory infections**

**Chairs:** E. Eber, M. Pijnenburg, G. Biesbroek

09:45–10:00 Acute viral bronchiolitis – F. Midulla

10:00–10:30 Pneumonia in children, pleural infection, necrotising pneumonia and lung abscess – M. Pijnenburg

10:30–11:00 Case-based discussion on acute respiratory infections without TB – E. Eber, F. Midulla, M. Pijnenburg

11:00–11:30 *Break*

### **Session 3 - Lung function testing**

**Chairs:** N. Regamey, M. Gappa, S. Lazova

11:30–12:00 Inflammatory markers; Static and dynamic lung volumes and their measurement – N. Regamey

12:00–12:30 Reversibility testing and bronchial provocation; Multiple breath washout techniques – M. Gappa

12:30–13:00 Case-based discussion on lung function testing – N. Regamey, S. Lazova

13:00–14:00 *Lunch*



#### **Session 4 - Congenital malformations**

**Chairs:** F. Midulla, E. Eber, B. Dudoignon

14:00–14:30

Congenital malformations – E. Eber

14:30–15:00

Case-based discussion on congenital malformations – E. Eber, F. Midulla

#### **Session 5 - Bronchial asthma and wheezing disorders**

**Chairs:** F. Midulla, Y. van Dijk

15:00–15:10

Acute asthma – L. Fleming

15:10–15:40

Long-term management – L. Fleming

15:40–16:00

*Break*

#### **Session 6 - Imaging and sleep medicine**

**Chairs:** A. Hadchouel-Duvergé, H. Nayır Büyüksahin

16:00–16:30

Lung ultrasound and imaging techniques – M. Beer

16:30–16:45

Assessment of sleep disordered breathing – R. Ersu

16:45–17:00

Chronic respiratory failure and noninvasive ventilation – R. Ersu



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## Wednesday, 28 June 2023

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### **Session 7 - Cystic fibrosis, protracted bacterial bronchitis and non-CF bronchiectasis**

**Chairs:** F. Midulla, N. Regamey, E. Kouroukli

09:00–09:30 Primary ciliary dyskinesia – F. Midulla  
09:30–10:00 Protracted bacterial bronchitis and non-CF bronchiectasis – E. Eber

10:00–10:15 *Break*

10:15–10:45 CF lung disease and lung transplantation – N. Regamey  
10:45–11:15 Extrapulmonary CF – N. Regamey  
11:15–11:45 Case-based discussion on CF – N. Regamey, F. Midulla

11:45–12:00 *Break*

### **Session 8 - Tuberculosis**

**Chairs:** M. Gappa, B. Marais, E. Lopez Varela

12:00–12:30 Basics in diagnosis and treatment of TB in children and adolescents – M. Gappa  
12:30–13:00 Multi-drug-resistant tuberculosis – B. Marais  
13:00–13:30 Case-based discussion on tuberculosis – B. Marais, E. Lopez Varela

13:30–14:30 *Lunch*

### **Session 9 - Rare disorders**

**Chairs:** E. Eber, L. Perrem

14:30–15:00 Bronchopulmonary dysplasia and chronic lung disease of prematurity – A. Hadchouel-Duvergé  
15:00–15:30 ILD and systemic disorders with lung involvement – A. Hadchouel-Duvergé

15:35–15:45 *Break*

15:45–16:15 Surfactant dysfunction and alveolar proteinosis – A. Hadchouel-Duvergé  
16:15–16:45 Case-based discussion on rare disorders – A. Hadchouel-Duvergé, E. Eber



## Thursday, 29 June 2023

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### Session 10 - Application and case-based discussions

**Chairs:** S. Lazova + M. Ghezzi + M. Mikos + H. Nayır Büyükaşahin

09:00–09:50	Lung function testing – M. Gappa, N. Regamey
09:50–10:00	<i>Break</i>
10:00–10:50	Endoscopy – E. Eber, F. Midulla
10:50–11:00	<i>Break</i>
11:00–11:50	Imaging – M. Beer
11:50–12:00	<i>Break</i>
12:00–12:50	Polysomnography – R. Ersu
12:50–13:00	Farewell from organisers – M. Gappa, E. Eber, F. Midulla

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### **HERMES examination self-assessment course**

*Additional registration required.*

*Special fee for Academy participants: €50*

Simulated HERMES examination (available until 14:30 CEST)

15:00–17:00	Feedback and discussion of examination questions
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**Academy of paediatric respiratory medicine**  
**Part 2: 9 September 2023**  
**ERS International Congress**  
**Milan, Italy**

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**Saturday, 9 September 2023**

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**Session 1 – Basic diagnostic tests: application and case-based discussions**

**Chairs:** E. Eber, F. Midulla

09:00–09:15	Introduction (division of groups)
	Endoscopy – E. Eber, F. Midulla
	Lung function tests – N. Regamey
	Imaging and ultrasound – M. Beer, C. Casini
09:15–10:00	Round 1
10:00–10:45	Round 2
10:45–11:00	<i>Break</i>
11:00–11:45	Round 3
11:45–13:00	<i>Lunch</i>

**Session 2 - Obstructive lung diseases: case-based discussion**

**Chairs:** E. Eber, F. Midulla, M. Pijnenburg

	Bronchial asthma and wheezing disorders – M. Pijnenburg, L. Fleming
	Non-CF bronchiectasis – E. Eber, F. Midulla
	Sleep disorders – R. Ersu
13:00–13:45	Round 1
13:45–14:30	Round 2
14:30–14:45	<i>Break</i>
14:45–15:30	Round 3