# Academy of paediatric respiratory medicine

## Part 1: 18–20 June 2024 – Online

## HERMES Self-assessment course

21 June 2024

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## Tuesday, 18 June 2024

### Introduction

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00–09:15</td>
<td>Welcome and introduction – E. Eber, R. Ersu, F. Midulla</td>
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**Session 1 - Airway endoscopy**

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

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<tr>
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<tbody>
<tr>
<td>09:15–09:45</td>
<td>Rigid and flexible bronchoscopy – F. Midulla</td>
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**Session 2 - Congenital malformations**

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

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>09:45–10:15</td>
<td>Congenital malformations – E. Eber</td>
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<tr>
<td>10:15–10:45</td>
<td>Case-based discussion on congenital malformations – E. Eber, F. Midulla</td>
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10:45–11:15  *Break*

**Session 3 - Lung function testing**

**Chairs:** N. Regamey, A. Zwitserloot, S. Lazova

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<tbody>
<tr>
<td>11:15–11:45</td>
<td>Inflammatory markers; measuring static and dynamic lung volumes – N. Regamey</td>
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<tr>
<td>11:45–12:15</td>
<td>Reversibility testing and bronchial provocation; multiple breath washout techniques – A. Zwitserloot</td>
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<tr>
<td>12:15–12:45</td>
<td>Case-based discussion on lung function testing – N. Regamey</td>
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12:45–13:45  *Lunch*

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All timings are in Central European Summer Time (CEST)
Session 4 - Bronchial asthma and wheezing disorders

**Chairs:** F. Midulla, S. Vijverberg

- 13:45–14:00 Acute asthma – L. Fleming
- 14:00–14:30 Long-term management – L. Fleming

Session 5 – Tuberculosis

**Chairs:** M. Gappa, A. Saktiawati

- 14:30–15:00 Basics in diagnosis and treatment of TB in children and adolescents – M. Gappa
- 15:00–15:30 Multi-drug-resistant tuberculosis – H. S. Schaaf
- 15:30–16:00 Case-based discussion on tuberculosis – H. S. Schaaf

16:00–16:15 *Break*

Session 6 - Imaging and sleep medicine

**Chairs:** R. Ersu, M. Beer, D. Ademhan Tural

- 16:15–16:45 Lung ultrasound and imaging techniques – M. Beer
- 16:45–17:00 Assessment of sleep disordered breathing – R. Ersu
- 17:00–17:15 Chronic respiratory failure and noninvasive ventilation – R. Ersu

All timings are in Central European Summer Time (CEST)
Wednesday, 19 June 2024

Session 7 - Cystic fibrosis, protracted bacterial bronchitis and non-CF bronchiectasis  
**Chairs:** F. Midulla, 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 – Acute respiratory infections**  
**Chairs:** E. Eber, M. Pijnenburg, G. Biesbroek  
12:00–12:15 Acute viral bronchiolitis – F. Midulla  
12:15–12:45 Pneumonia, pleural infection, necrotising pneumonia and lung abscess – M. Pijnenburg  
12:45–13:15 Case-based discussion on acute respiratory infections without TB – E. Eber, F. Midulla, M. Pijnenburg

13:15–14:15  *Lunch*

**Session 9 - Rare disorders**  
**Chairs:** E. Eber, L. Perrem  
14:15–14:45 Bronchopulmonary dysplasia and chronic lung disease of prematurity – A. Hadchouel-Duvergé  
14:45–15:15 ILD and systemic disorders with lung involvement – A. Hadchouel-Duvergé

15:15–15:30  *Break*

15:30–16:00 Surfactant dysfunction and alveolar proteinosis – A. Hadchouel-Duvergé  
16:00–16:30 Case-based discussion on rare disorders – A. Hadchouel-Duvergé, E. Eber

All timings are in Central European Summer Time (CEST)
Thursday, 20 June 2024

Session 10 - Application and case-based discussions  
**Chairs:** S. Lazova, M. Ghezzi, D. Ademhan Tural, M. Mikos

09:00–09:50  Lung function testing – A. Zwitserloot, N. Regamey

09:50–10:00  *Break*

10:00–10:50  Endoscopy – E. Eber, F. Midulla

10:50–11:00  *Break*

11:00–11:50  Imaging – M. Beer

11:50–12:00  *Break*

12:00–12:50  Polysomnography – R. Ersu

12:50–13:00  Farewell from organisers – R. Ersu, E. Eber, F. Midulla

All timings are in Central European Summer Time (CEST)
Saturday, 7 September 2024

Session 1 – Basic diagnostic tests: case-based discussions
Chairs: E. Eber, F. Midulla

08:30–09:15  Endoscopy – E. Eber, F. Midulla
09:15–10:00  Lung function tests – N. Regamey, A. Zwitserloot
10:00–10:45  Imaging and ultrasound – M. Beer, C. Casini

10:45 – 11:15  Break

Session 2 - Obstructive lung diseases: case-based discussion
Chairs: E. Eber, F. Midulla

11:15–12:00  Bronchial asthma and wheezing disorders – M. Pijnenburg, L. Fleming
12:00–12:45  Non-CF bronchiectasis – E. Eber, F. Midulla
12:45–13:30  Sleep disorders – R. Ersu, A. Kaditis

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