Academy of paediatric respiratory medicine
Part 1: 27–29 June 2023 – Online

HERMES Self-assessment course
29 June 2023

Tuesday, 27 June 2023

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

All timings are in Central European Summer Time (CEST)
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 Büyükşahin
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

All timings are in Central European Summer Time (CEST)
Wednesday, 28 June 2023

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

All timings are in Central European Summer Time (CEST)
Thursday, 29 June 2023

Session 10 - Application and case-based discussions
Chairs: S. Lazova + M. Ghezzi + M. Mikos + H. Nayır Büyükşahin

09:00–09:50 Lung function testing – M. Gappa, 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 – M. Gappa, E. Eber, F. Midulla

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

All timings are in Central European Summer Time (CEST)
### Session 1 – Basic diagnostic tests: application and case-based discussions

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

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

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