



**Online course**  
**Virtual academy of paediatric respiratory medicine**  
**28–30 June 2022**  
**Online**

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**Tuesday, 28 June 2022**

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**Introduction**

09:00–09:10 Welcome and introduction - E. Eber, M. Gappa, F. Midulla

**Session 1 - Airway endoscopy**

**Chairs:** E. Eber, S. G. Abdelhady

09:10–09:40 Rigid and flexible bronchoscopy - F. Midulla

**Session 2 - Congenital malformations**

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

09:40–10:10 Congenital malformations - E. Eber

10:10–10:40 Case-based discussion on congenital malformations (cases submitted by participants) - E. Eber

10:40–11:00 *Break*

**Session 3 - Lung function testing**

**Chairs:** N. Regamey, M. Gappa, G. Peralta

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

11:30–12:00 Reversibility testing and bronchial provocation; Multiple breath washout techniques - M. Gappa

12:00–12:30 Case-based discussion on lung function testing (cases submitted by participants) - M. Gappa

12:30–13:30 *Lunch*



#### **Session 4 – Acute respiratory infections**

**Chairs:** E. Eber, H. Schaballie

- 13:30–13:45 Acute viral bronchiolitis - F. Midulla
- 13:45–14:15 Pneumonia in children, pleural infection, necrotising pneumonia and lung abscess
- 14:15–14:45 Case-based discussion on acute respiratory infections without TB (cases submitted by participants) - E. Eber
- 14:45–15:00 *Break*

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

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

- 15:00–15:10 Acute asthma
- 15:10–15:40 Long-term management
- 15:40–16:00 *Break*

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

**Chairs:** A. Hadchouel, N. Farahbakhsh

- 16:00–16:30 Lung ultrasound and imaging techniques - M. Beer
- 16:30–16:45 Assessment of sleep disordered breathing - R. Hamutcu Ersu
- 16:45–17:00 Chronic respiratory failure and noninvasive ventilation - R. Hamutcu Ersu



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## Wednesday, 29 June 2022

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### **Session 7 - Rare disorders**

**Chairs:** E. Eber, N. Emiralioglu

- 09:00–09:30 Bronchopulmonary dysplasia and chronic lung disease of prematurity - A. Hadchouel-Duvergé
- 09:30–10:00 Surfactant dysfunction and alveolar proteinosis - A. Hadchouel-Duvergé
- 10:00–10:15 Break
- 10:15–10:45 ILD and systemic disorders with lung involvement - A. Hadchouel-Duvergé
- 10:45–11:15 Case-based discussion on rare disorders (cases submitted by participants)
- 11:15–11:30 *Break*

### **Session 8 - Tuberculosis**

**Chairs:** B. Marais, J. Fontoura-Matias

- 11:30–12:00 Basics in diagnosis and treatment of TB in children and adolescents - M. Gappa
- 12:00–12:30 Multi-drug-resistant tuberculosis - B. Marais
- 12:30–13:00 Case-based discussion on tuberculosis (cases submitted by participants)
- 13:00–14:00 *Lunch*

### **Session 9 - Cystic fibrosis, protracted bacterial bronchitis and non-CF bronchiectasis**

**Chairs:** F. Midulla, N. Regamey, L. Perrem

- 14:00–14:30 Primary ciliary dyskinesia - F. Midulla
- 14:30–15:00 Protracted bacterial bronchitis and non-CF bronchiectasis - E. Eber
- 15:00–15:15 Break
- 15:15–15:45 CF lung disease and lung transplantation - N. Regamey
- 15:45–16:15 Extrapulmonary CF - N. Regamey
- 16:15–16:45 Case-based discussion on cystic fibrosis (cases submitted by participants) - F. Midulla



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## Thursday, 30 June 2022

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

**Chairs:** A. Hadchouel, M. Slaats

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. Hamutcu Ersu
12:50–13:00	Farewell from organisers



**Online course**  
**HERMES examination self-assessment course**  
**in paediatric respiratory medicine**

**30 June 2022**

*Additional registration required.*

*Fee: €50*

**Simulated HERMES examination**

A 1-hour mock examination will be available online one week prior to the Self-assessment course taking place on 30 June 2022.

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**Thursday, 30 June 2022**

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Faculty: J. Bhatt, P. Pohunek

15:00–17:00 Self-assessment course