

# IPOKRATES

## Clinical Seminar

Foundation



## Neonatal Respiratory Support: State-of-the-art in respiratory assistance, delivery room care, prevention and treatment of chronic lung disease

Porto, Portugal  
April 21 – 23, 2022

### Objectives

IPOKRATES seminars provide high-quality postgraduate education, which enables professionals to keep abreast on the most recent developments and offers participants the opportunity to discuss clinical problems and scientific issues personally with international experts. Emphasis will be made on providing a comprehensive and structured approach to neonatal respiratory assistance from its theoretical and physiological basis to clinical patient management.

### Faculty:

Barbara Schmidt MD, MSc University of Pennsylvania, USA, McMaster University, Ontario, Canada  
Haresh Kirpalani MD, MSc University of Pennsylvania, USA, McMaster University, Ontario, Canada  
Maximo Vento MD University & Polytechnic Hospital La Fe, Valencia, Spain  
Martin Keszler MD Brown University, Women and Infants Hospital, Providence, RI, USA

### Local speaker:

Gustavo Rocha MD Centro Hospitalar Universitário de São João, Porto, Portugal

**Program Design** Martin Keszler and Américo Gonçalves

**Target Audience** Physicians and other health care professionals from academic and non-university hospitals with interest in mechanical ventilation and other forms of life support. This includes Neonatologists, Pediatricians, Intensivists, Anesthesiologists and others.

The number of participants is limited to 70, to optimize opportunity for interaction with faculty.

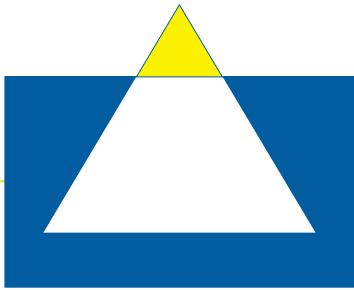
**Major Sponsors** Dräger, Nestlé Nutrition Institute

### Local Sponsors

**Information/  
Registration** **IPOKRATES Head Office c/o m:con – mannheim:congress GmbH**  
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**Local Organizer:** Américo Gonçalves  
on the behalf of the IPOKRATES - Porto group of the Faculty of Medicine of Porto University  
Department of Neonatology Alameda Professor Hernâni  
Monteiro 4200-319 Porto, Portugal, email: [americo.goncalves81@gmail.com](mailto:americo.goncalves81@gmail.com)

| Participation Fees                        | before Feb 24, 2022 | after Feb 24, 2022 |
|---|---------------------|--------------------|
|   | Single person       | € 380.-            |
| Member of the Portuguese Neonatal Society | € 380.-             | € 380.-            |



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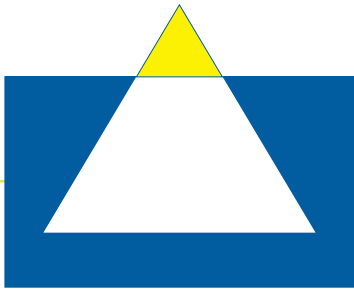
## Thursday, April 21, 2022

|             |   |                           |
|-------------|---|---------------------------|
| 08.30-09.00 | Welcome and introductory remarks  | Gonçalves A and Keszler M |
| 09.00-10.00 | Essentials of pulmonary physiology and lung mechanics                   | Keszler M                 |
| 10.00-11.00 | Normal and abnormal lung development, effects of preterm birth          | Vento M                   |
| 11.00-11.30 | Break   |                           |
| 11.30-12.30 | Optimizing cardio-respiratory transition of ELGANs in the delivery room | Kirpalani H               |
| 12.30-13.30 | Lunch   |                           |
| 13.30-14.30 | Alternate approaches to surfactant administration                       | Vento M                   |
| 14.30-15.30 | Non-invasive respiratory support: nCPAP, NIPPV, HFNC, nHFOV             | Kirpalani H               |
| 15.30-16.00 | Break   |                           |
| 16.00-17.00 | Ventilation basics: mode selection, patient-ventilator interaction      | Keszler M                 |
| 17.00-17.30 | Roundtable Discussion   | All Faculty               |

## Friday, April 22, 2022

|             |  |             |
|-------------|--|-------------|
| 08.00-09.00 | Oxygen toxicity, O <sub>2</sub> use in the DR: What O <sub>2</sub> saturation targets are optimal? | Vento M     |
| 09.00-10.00 | The story of neonatal caffeine therapy   | Schmidt B   |
| 10.00-10.30 | Break  |             |
| 10.30-11.30 | Lung-protective ventilation strategies   | Keszler M   |
| 11.30-12.30 | Oxygen targeting for ELGANs in the NICU  | Schmidt B   |
| 12.30-13.30 | Lunch  |             |
| 13:30-14.30 | Guidelines for Respiratory Distress Syndrome in Preterm infants                                    | Vento M     |
| 14.30-15.30 | Controversies in the management of patent ductus arteriosus  | Schmidt B   |
| 15.30-16.00 | Break  |             |
| 16.00-17.00 | Advances in HFOV: new technologies and expanded indications?                                       | Keszler M   |
| 17.00-17.30 | Roundtable Discussion  | All Faculty |

**Subject to change.**



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## Saturday, April 23, 2022

|             |   |                           |
|-------------|---|---------------------------|
| 08.30-09.30 | Pneumatoceles in ventilated neonates, how to approach them? | Rocha G                   |
| 09.30-10.30 | Prevention and management of BPD                            | Kirpalani H               |
| 10.30-11.00 | <i>Break</i>  |                           |
| 11.00-12.00 | Ventilator-associated Pneumonia                             | Vento M                   |
| 12.00-12.30 | Roundtable Discussion                                       | All Faculty               |
| 12.30-12.45 | Closing Remarks   | Gonçalves A and Keszler M |

**Subject to change.**