Best of IPOKRaTES

We are in this together:
Interdisciplinary Perinatal Medicine Update

Place: Lecturing Hall LMU University Hospital, Campus Großhadern, LMU Medicine, LMU Munich, Germany
Date: April 5 – 7, 2027

Objectives

IPOKRaTES seminars provide high-quality postgraduate education which enables professionals to keep abreast of the most recent developments and offers participants the opportunity to discuss clinical problems or scientific issues personally with international experts.
During this edition of the Best of IPOKRaTES, we want to not only provide most recent insights of early perinatal management in the delivery room, but we also address fetal and postnatal surgical issues with a special interest in ethical aspects for both preterm and term infants. Nutrition as a key stone for postnatal growth and development is an additional main topic of the symposium.

Lecturers

Aschner Judy	The Center for Discovery and Innovation, Hackensack Meridian School of Medicine, Nutley, New Jersey, USA
Cilio Roberta M.	Catholic University of Louvain, Bruxelles, Belgium
Danhaive Olivier	Catholic University of Louvain, Bruxelles, Belgium
Davis Peter G.	University of Melbourne, The Royal Women's Hospital, Melbourne, Australia
Deprest Jan	KU Leuven, Leuven, Belgium
Flemmer Andreas W.	Ludwig-Maximilians-University, Munich, Germany
Gaertner Vincent	Ludwig-Maximilians-University, Munich, Germany
Jaksic Tom	Boston Children's Hospital, Boston MA, USA
Jakubowicz Carmen	Ludwig-Maximilians-University, Munich, Germany
Holler Anne-Sophie	Ludwig-Maximilians-University, Munich, Germany
Katheria Anup C.	Sharp Healthcare, University of California, San Diego, USA
Laubenbacher Reinhard	University of Florida, Gainesville FL, USA
Neu Josef	University of Florida, College of Medicine, Gainesville, FL, USA
Oei Ju-Lee	Mater Research Institute, University of Queensland, Brisbane Queensland, Australia
Polin Richard	Columbia University, New York, NY, USA
Raimondi Francesco	University of Naples Federico II., Naples, Italy
Rakow Alexander	Karolinska Institute and Karolinska University Hospital, Stockholm, Sweden
Saade George R.	Women's Health VHS-Eastern Virginia Medical School, Norfolk VA, USA
Sant'Anna Guilherme M.	McGill University Health Centre, Montreal, Quebec, Canada
Schouten Esther	Ludwig-Maximilians-University, Munich, Germany

Target Audience

Doctors, nurses, midwifes and obstetricians and affiliates of university and non-university hospitals in the field of neonatology and intensive care, pediatrics and pre- and postnatal care of pregnant women.

Programm Design

Flemmer AW, Munich, Germany and Neu J, Gainesville FL, USA

Local Organizer

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Information/ Registration

IPOKRaTES Head Office
Rosengartenplatz 2, 68161 Mannheim / Germany
Phone +49 (0)621 4106 – 134, Fax +49 (0)621 4106 – 80134
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Participation Fees

	until February 8, 2027	after February 8, 2027
Conference participation	€ 520,-	€ 570,-
Workshop participation	€ 100,-	

The Number of Participants is limited: 250
Only registered participants, NO on site registration!

Please register via email: https://ipomuc.congress-portal.de/

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Program

Monday, April 5, 2027

Pre-Conference Workshops

09:00–11:45	Workshop I: Essentials of mechanical respiratory support	P. Davis, A. Flemmer, F. Raimondi, G. Sant'Anna
09:00–11:45	Workshop II: Neonatal Nutrition	C. Jakubowicz, J. Neu, A. Rakow
09:00–11:45	Workshop III: Delivery Room Stabilization	V. Gaertner, J. Oei, A. Katheria

Conference

11.00–12.00	Arrival and Registration	
12.00–12.15	Welcome and conference overview	A. Flemmer, J. Neu

Session I: Delivery Room, Resuscitation

12.15–12.45	Physiology of preterm transition and delivery room priorities	V. Gaertner
12.45–13.30	Neonatal resuscitation: what has changed in 5 years?	P. Davis
13.30–14.15	Initial ventilation strategies and surfactant updates	A. Katheria
14.15–14.45	Coffee break	

Session II: Ventilatory Management

14.45–15.15	Lung Ultrasound in the DR and Surfactant Treatment	F. Raimondi
15.15–15.45	Non-invasive support: high-flow, NIPPV, and bubble CPAP, where are we today?	R. Polin
15.45–16.15	Early treatment of PPHN in the DR	J. Aschner
16.15–16.45	Ventilatory management: old problems, new solutions	P. Davis
16.45–17.15	Oxygen / PEEP-Level at birth	J. Oei
17.15–17.45	Extremely Preterm Infants on respiratory Support (EXPERT-Project)	G. Sant'Anna
17.45–18.00	Discussion	
18.00	Closing remarks day 1	A. Flemmer, J. Neu

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Program

Tuesday, April 6, 2027

08.00–08.15	Welcome and day 2 overview	A. Flemmer, J. Neu

Session III: Neurology, Genetics, Multiomics

08.15–09.00	EEG, aEEG, and bedside neurotechnology in the NICU	R. Cilio
09.00–09.45	Brain – Gut axis multiomics	O. Danhaive
09.45–10.15	Coffee break	
10.15–10.45	The prognostic value of EEG background and MRI	R. Cilio
10.45–11.15	Asphyxia and HIE update	A. Flemmer
11.15–11.45	Ethics and complex decision–making after brain damage	E. Schouten
11.45–12.00	Discussion	
12.00–13.00	Lunch break	

Session IV: Nutrition – Gastroenterology

13.00–13.45	Probiotic Controversy – ESPGHAN guidelines	A. Rakow
13.45–14.30	Changing the paradigm of necrotizing enterocolitis	J. Neu
14.30–15.00	Coffee break	
15.00–15.45	Multiomic integration for precision nutrition	J. Neu
15.45–16.30	Hyperbilirubenemia is it dangerous?	R. Polin
16.30–17.00	Discussion Panel: Pasterurizing MOM or HDM	J. Neu, A. Rakow
17.00–17.15	Closing remarks day 2	A. Flemmer, J. Neu

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Program

Wednesday, April 7, 2027

08.00–08.15	Welcome and day 3 overview	A. Flemmer, J. Neu

Session V: Surgery, Maternal–Fetal Medicine, Sensors, AI, and New Research Methods

08.15–08.45	Hot topics in neonatal surgery I: GI, thoracic, and cardiac	T. Jaksic
08.45–09.15	Hot topics in neonatal surgery II: minimally invasive and emerging techniques	A.S. Holler
09.15–10.45	GI-rehabilitation after intestinal surgery at the NICU	T. Jaksic
10.45–11.15	Coffee break	
11.15–11.45	Hot topics in maternal-fetal medicine I: preterm birth and interventions	G. Saade
11.45–12.15	Hot topics in maternal–fetal medicine II: fetal therapy and outcomes	J. Deprest
12.15–13.15	Lunch break	
13.15–13.45	Border of Viability – pre- and postnatal counselling	A. Flemmer
13.45–14.30	Sensor technologies in the NICU: wearables and remote monitoring	G. Sant'Anna
14.30–15.15	Digital Twins: New approach to precision Medicine	R. Laubenbacher
15.15–15.45	Coffee break	
15.45–16.15	The shortcomings of current neonatal clinical trials	J. Aschner
16.15–16.45	AI for individualized care: from prediction to action	J. Neu
16.45–17.15	New data science methods and virtual clinical trials	R. Laubenbacher
17.15–17.30	Closing remarks day 3	

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Transparency Disclosure

For the companies listed below, we disclose the financial support received in accordance with their membership of FSA e.V. (Voluntary Self-Regulation for the Pharmaceutical Industry), AKG e.V. (Arzneimittel und Kooperation im Gesundheitswesen), or because the respective companies have approved the publication of this information.*

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Drägerwerk AG & Co. KGaA	10.000,00 €	Sponsoring
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AstraZeneca	4.000,00 €	Sponsoring

* This overview includes only those companies that have actively requested the disclosure of their financial support. Status as of October 2026.