

Focus Meeting

on Perioperative Medicine
Mother and child

2019

15 - 16 OCTOBER



ROME
ITALY

Tuesday, 15
October
08:45 - 09:00

Welcome

Hall 1

Chair:

Stefan De Hert (Ghent, Belgium)
Andreas Hoeft (Bonn, Germany)

ME

1ME1
Meet the Expert

Tuesday, 15
October
09:00 - 09:45

Plenary Session - Emergency lectures

Hall 1

Chair:

Nicola Disma (Genoa, Italy)
Frédéric Mercier* (Clamart, France)

Common obstetric emergencies

Thierry Girard (Basel, Switzerland)

Common paediatric emergencies

Francis Veyckemans (Lille, France)



1S1
Symposium

Tuesday, 15
October
10:00 - 11:00

Caesarean delivery anaesthesia

Hall 2

The rationale for this symposium is to address important issues surrounding the anaesthetic management of women undergoing Caesarean delivery.

Learning objectives:

- to master the conversion from epidural analgesia during labour to dense epidural anaesthesia for Caesarean delivery: which drug(s), dosage(s), volume(s) and timing and which anaesthetic test to use.
- to know which drugs to use safely to induce and maintain general anaesthesia for Caesarean delivery and how to safely control the airway.
- to learn how to implement an enhanced recovery program after Caesarean delivery and therefore improve mother-neonate bonding and outcomes.

Chair:

Marc Van de Velde (Leuven, Belgium)

Converting the epidural for caesarean section

Nuala Lucas (London, United Kingdom)

Safe general anaesthesia for mums

Marc Van de Velde (Leuven, Belgium)

Enhanced Recovery After Surgery (ERAS) in Caesarean section

Dan Benhamou (Le Kremlin Bicêtre, France)



1S2
Symposium

Tuesday, 15
October
10:00 - 11:00

US point of care in tricky situations

Hall 1

The rationale for this symposium is to improve ultrasound (US) anaesthetists' knowledge and skills for the bedside management of parturients and neonates.

Learning objectives :

- to learn when and how to use US to improving neuraxial puncture for parturients undergoing epidural and/or spinal analgesia/anaesthesia.
- to learn when and how to use US to select and access veins in neonates and infants.
- to learn when and how to use US to assess the lungs of small children.

Chair:

Carolyn Weiniger (Tel Aviv, Israel)

US for neuroaxial anesthesia. When should it be used?

Luc Sermeus* (Edegem, Belgium)

Neonatal and infants: which vein and how

Christian Breschan (Klagenfurt am Wörthersee, Austria)

Lung US in small children

Nadya Yousef (Clamart, France)

ME	1ME2 Meet the Expert	Tuesday, 15 October 11:30 - 12:15	Congenital Heart Diseases (CHD)	Hall 1
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			Chair: Andreas Machotta (Rotterdam, Netherlands)	
			Mums with CHD: how should we be prepared? Dominique Chassard (Bron, France)	
			Neonatal CHD: the immediate treatment Viviane Nasr (Boston, United States)	
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ME	1ME3 Meet the Expert	Tuesday, 15 October 11:30 - 12:15	Pregnancy-Induced Hypertension (PIH) - Update 2019	Hall 2
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			Chair: Herve Bouaziz (Nancy, France)	
			Update 2019: PIH, Pre-eclampsia, HELLP syndrome Hawa Keita Meyer (Colombes, France)	
			Emergency anaesthesia in the pre-eclamptic patient Thierry Girard (Basel, Switzerland)	
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W	1HF1 Workshop	Tuesday, 15 October 14:15 - 15:45	Challenging case during a cesarean-section and neonatal resuscitation High Fidelity Workshop	Simulation Room
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			Chair: Georges L. Savoldelli (Geneva, Switzerland) Dan Benhamou (Le Kremlin Bicêtre, France)	
			Instructors: Giorgio Capogna (Rome, Italy) Marinella Astuto (Catania, Italy) Filippo Bressan (Prato, Italy) Maria Grazia Frigo (Rome, Italy) Agnès Le Gouez (Clamart, France) Luca Tortorolo (Rome, Italy)	

W	1PW1 Workshop	Tuesday, 15 October 14:15 - 15:45	POCUS (Lung, vascular, EFAST, gastric) in paediatric anesthesia		S10
			<hr/>		
			Chair: Daniele Guerino Biasucci (Rome, Italy)		
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			Instructors: Nadya Yousef (Clamart, France) Christian Breschan (Klagenfurt am Wörthersee, Austria) Elena Tarascio (Rome, Italy) Chiara Gori (Rome, Italy)		
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S	1S3 Symposium	Tuesday, 15 October 14:15 - 15:15	Post-caesarean section care The rationale for this symposium is to address analgesia and breast-feeding after caesarean section.		Hall 2
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			Learning objectives: <ul style="list-style-type: none">- to learn how to use peripheral blocks when neuraxial opioids cannot be implemented to provide analgesia after caesarean section.- to know the risk of respiratory depression linked to neuraxial opioids and how to avoid them.- to learn the potential impact of neuraxial analgesia/anaesthesia on breastfeeding and how to handle it.		
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			Chair: Brendan Carvalho (Stanford, United States)		
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			Neuraxial opioid not feasible: what block is best? Herve Bouaziz (Nancy, France)		
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			Neuraxial Opioids and respiratory depression Carolyn Weiniger (Tel Aviv, Israel)		
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			Breastfeeding after anaesthesia Brendan Carvalho (Stanford, United States)		
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S	1S4 Symposium	Tuesday, 15 October 14:15 - 15:15	Airway symposium - Mother & Child Rationale: provide clear understanding and literature evidence on the correct approach and management of the paediatric airways		Hall 1
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			Learning objectives: <ul style="list-style-type: none">• physiological and anatomical peculiarities of the paediatric airways• correct decision making of the maternal difficult airways during caesarean section• appropriateness of new airway devices during expected and unexpected difficult airway management		
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			Chair: Francis Veyckemans (Lille, France)		
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			Case Report - The extreme situation: EXIT procedure Sergio Giuseppe Picardo (Rome, Italy)		
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			The paediatric airway: what is different? Nada Sabourdin (Paris, France)		
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			The mother with a difficult airway: what to do? Massimo Micaglio* (Florence, Italy)		
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			New airway tools - one that fits mother and child? Maren Kleine-Brueggeney (London, United Kingdom)		

PC	1PC1 Pro-Con	Tuesday, 15 October 15:30 - 16:30	Epidural analgesia is the best option for labor: Pro-Con	Hall 1
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			Chair: Nuala Lucas (London, United Kingdom)	
			Pro Emilia Guasch (Madrid, Spain)	
			Con Ruth Landau (New York, United States)	
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S	1S5 Symposium	Tuesday, 15 October 15:30 - 16:30	Safe paediatric anaesthesia Rationale: defining and measuring ‘safety’ for paediatric and neonatal anaesthesia	Hall 2
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			Learning objectives: <ul style="list-style-type: none">defining the “normality” for physiological parameters during paediatric anaesthesiaventilation strategies during neonatal anaesthesiapreventing and treating postoperative complications	
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			Chair: Walid Habre (Geneva, Switzerland)	
			Physiological parameter during general anaesthesia: how low can we safely go? Mary Ellen McCann (Boston, United States)	
			Intraoperative ventilation in children Edoardo Calderini (Milan, Italy)	
			Postoperative problems in paediatric anaesthesia: how can we avoid them? Nicola Disma (Genoa, Italy)	
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W	1HF2 Workshop	Tuesday, 15 October 16:15 - 17:45	Challenging case during a cesarean-section and neonatal resuscitation High Fidelity Workshop	Simulation Room
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			Chair: Georges L. Savoldelli (Geneva, Switzerland) Dan Benhamou (Le Kremlin Bicêtre, France)	
			Instructors Giorgio Capogna (Rome, Italy) Marinella Astuto (Catania, Italy) Filippo Bressan (Prato, Italy) Maria Grazia Frigo (Rome, Italy) Agnès Le Gouez (Clamart, France) Luca Tortorolo (Rome, Italy)	

W	1PW2 Workshop	Tuesday, 15 October 16:15 - 17:45	POCUS (Lung, vascular, EFAST, gastric) in paediatric anesthesia	S10
			Chair: Daniele Guerino Biasucci (Rome, Italy)	
			Instructors: Nadya Yousef (Clamart, France) Christian Breschan (Klagenfurt am Wörthersee, Austria) Elena Tarascio (Rome, Italy) Chiara Gori (Rome, Italy)	
L	1L1 Lecture	Tuesday, 15 October 17:00 - 17:45	Autoregulation in neonatal brain	Hall 2
			Chair: Mary Ellen McCann (Boston, United States)	
			Speaker Jennifer Lee* (Baltimore, United States)	
L	1L2 Lecture	Tuesday, 15 October 17:00 - 17:45	Establishing a simulation programme for maternal and infant crisis	Hall 1
			Chair: Dan Benhamou (Le Kremlin Bicêtre, France)	
			Speaker Giorgio Capogna (Rome, Italy)	
S	1S6 Symposium	Tuesday, 15 October 18:00 - 19:00	Haemostasis and bleeding The rationale for this symposium is to provide updates on haemostasis and blood transfusion management in the context of peripartal or paediatric haemorrhage. Learning objectives: <ul style="list-style-type: none">- to master peripartal haemorrhage while using an interdisciplinary approach and point of care biological devices.- to master paediatric patient blood management and transfusion.- to learn haemostasis issues associated with large transfusion and how handle them.	Hall 1
			Chair: Nada Sabourdin (Paris, France)	
			Peripartal hemorrhage: interdisciplinary approach and Point of Care Diagnostics (POCD) Edoardo De Robertis (Perugia, Italy)	
			Paediatric patient blood management, transfusion regimen Christian Fenger-Eriksen (Aarhus, Denmark)	
			Haemostasis and large blood transfusion Andreas Machotta (Rotterdam, Netherlands)	

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1S7
Symposium

Tuesday, 15
October
18:00 - 19:00

Hall 2

Labor analgesia - when it doesn't go as planned

The rationale for this symposium is to improve the management of complications that may occur after neuraxial labour analgesia.

Learning objectives:

- to learn how to manage a lower limb sensitive-motor deficit occurring after vaginal delivery under neuraxial labour analgesia.
- to learn lessons gained from the EPIMAP study for the management of Post-Dural Puncture Headaches.
- to learn the potential impact of neuraxial analgesia/anaesthesia on postpartum depression and how to handle it.

Chair:

Dominique Chassard (Bron, France)

I can't move my leg after my labour epidural

Yehuda Ginosar (Jerusalem, Israel)

Post-Dural Puncture Headache (PDPH): lessons learned from EPIMAP

Anil Gupta (Stockholm, Sweden)

Postpartum depression and epidural analgesia

Sharon Orbach-Zinger (Petach Tikvah, Israel)

L	2L1 Lecture	Wednesday, 16 October 08:30 - 09:15	How epidural analgesia can affect progress of labour and delivery	Hall 1
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			Chair: Frédéric Mercier* (Clamart, France)	
			Speaker Cynthia Wong (Iowa City, United States)	
L	2L2 Lecture	Wednesday, 16 October 08:30 - 09:15	Long term effects of anaesthesia during pregnancy or early life	Hall 2
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			Chair: Giorgio Conti (Rome, Italy)	
			Speaker Nicola Disma (Genoa, Italy)	
W	2HF1 Workshop	Wednesday, 16 October 09:00 - 10:30	Challenging case during a cesarean-section and neonatal resuscitation High Fidelity Workshop	Simulation Room
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			Chair: Georges L. Savoldelli (Geneva, Switzerland) Dan Benhamou (Le Kremlin Bicêtre, France)	
			Instructors: Giorgio Capogna (Rome, Italy) Marinella Astuto (Catania, Italy) Filippo Bressan (Prato, Italy) Maria Grazia Frigo (Rome, Italy) Agnès Le Gouez (Clamart, France) Luca Tortorolo (Rome, Italy)	
W	2PW1 Workshop	Wednesday, 16 October 09:00 - 10:30	Ultrasound of the cricothyroid membrane + emergency front of neck access (FONA)	S10
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			Chair: Massimiliano Sorbello (Catania, Italy) Thomas Riva (Bern, Switzerland)	
			Instructors: Stefano Falcetta (Ancona, Italy) Lorena Pasini (bologna, Italy)	

S	2S1 Symposium	Wednesday, 16 October 09:30 - 10:30	<p>Post surgical pain in children</p> <p>Rationale: provide the up to date literature evidence of pharmacological strategies for post-operative pain in children</p> <p>Learning objectives</p> <ul style="list-style-type: none"> • peculiarities of pharmacology for pain medications in children • how to safely prescribe paracetamol and non-steroidal-anti-inflammatory drugs (NSAIDs) in neonates and pre-terms • recent advances on regional anaesthesia in neonates and children 	Hall 1
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			<p>Chair: Tom Giedsing Hansen (Odense, Denmark)</p>	
			<p>Pharmacology of pain medications in small children: what every anaesthesiologist needs to know Karel Allegaert (Leuven, Belgium)</p>	
			<p>Paracetamol, NSAIDs and co-analgesics in children: what's best? Sinno Simmons (Rotterdam, Netherlands)</p>	
			<p>Regional anaesthesia in infants Steve Roberts (Liverpool, United Kingdom)</p>	
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S	2S2 Symposium	Wednesday, 16 October 09:30 - 10:30	<p>Critical care medicine in pregnant women</p> <p>The rationale for this symposium is to improve the management of complications that may occur after neuraxial labour analgesia.</p> <p>Learning objectives :</p> <ul style="list-style-type: none"> - to learn how to manage a lower limb sensitive-motor deficit occurring after vaginal delivery under neuraxial labour analgesia. - to learn lessons gained from the EPIMAP study for the management of Post-Dural Puncture Headaches. - to the potential impact of neuraxial analgesia/anaesthesia on postpartum depression and how to handle it. 	Hall 2
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			<p>Chair: Sharon Einav (Jerusalem, Israel)</p>	
			<p>Identifying maternal critical illness Sharon Einav (Jerusalem, Israel)</p>	
			<p>Echocardiography in maternal critical illness Laurent Zieleskiewicz (Marseille, France)</p>	
			<p>ExtraCorporeal Membrane Oxygenation (ECMO) for maternal collapse and Acute Respiratory Distress Syndrome (ARDS) Nicholas Barrett (Brompton, United Kingdom)</p>	

W	2HF Workshop	Wednesday, 16 October 11:00 - 12:30	Challenging case during a cesarean-section and neonatal resuscitation High Fidelity Workshop	Simulation Room
<p>Chair: Georges L. Savoldelli (Geneva, Switzerland) Dan Benhamou (Le Kremlin Bicêtre, France)</p> <hr/> <p>Instructors: Giorgio Capogna (Rome, Italy) Marinella Astuto (Catania, Italy) Filippo Bressan (Prato, Italy) Maria Grazia Frigo (Rome, Italy) Agnès Le Gouez (Clamart, France) Luca Tortorolo (Rome, Italy)</p> <hr/>				
	2PBLD1 Problem Based Learning Session	Wednesday, 16 October 11:00 - 12:30	Paediatric and obstetric - 4 cases	Hall 2
<p>Chair: Frédéric Mercier* (Clamart, France) Steve Roberts (Liverpool, United Kingdom)</p> <hr/> <p>OB Case 1 - Massive Post Partum Haemorrhage (PPH) Alexander Ioscovich (Jerusalem, Israel)</p> <hr/> <p>OB Case 2 - Unexpected difficult airway Pierre A. Diemunsch (Strasbourg, France)</p> <hr/> <p>PAED Case 1 - Closure of ducts Maren Kleine-Brueggeney (London, United Kingdom)</p> <hr/> <p>PAED Case 2 - Premies with Necrotizing Enterocolitis (NEC) Tom Giedsing Hansen (Odense, Denmark)</p> <hr/>				
W	2PW2 Workshop	Wednesday, 16 October 11:00 - 12:30	Ultrasound of the cricothyroid membrane + emergency front of neck access (FONA)	S10
<p>Chair: Massimiliano Sorbello (Catania, Italy) Thomas Riva (Bern, Switzerland)</p> <hr/> <p>Instructors: Stefano Falcetta (Ancona, Italy) Lorena Pasini (bologna, Italy)</p> <hr/>				

S	2S3 Symposium	Wednesday, 16 October 11:00 - 12:30	Safe practice of paediatric anaesthesia Rationale: provide literature evidence of occurrence and risk factors of severe critical events during paediatric anaesthesia Learning objectives: <ul style="list-style-type: none">findings and clinical implications from the European audit APRICOTdefining and measuring correct clinical outcomespreventing common complication during and after paediatric anaesthesia	Hall 1
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			Chair: Karin Becke (Nürnberg, Germany) The long shadow of APRICOT Francis Veyckemans (Lille, France) Paediatric anaesthesia outcomes: an international collaboration Jurgen de Graaff (rotterdam, Netherlands) Safe anaesthesia for every child: how can we reach that? Walid Habre (Geneva, Switzerland) Emergence delirium: correct diagnosis and treatment Torsten Lauritsen (Copenhagen, Denmark)	
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L	2L3 Lecture	Wednesday, 16 October 13:30 - 14:15	Pain and Post Operative Nausea and Vomiting (PONV) after caesarian section: how can we prevent and treat?	Hall 2
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			Chair: Warwick Ngan Kee (Doha, Qatar) Speaker Brendan Carvalho (Stanford, United States)	
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ME	2ME1 Meet the Expert	Wednesday, 16 October 13:30 - 14:15	Hot topics in obstetric and paediatric anaesthesia	Hall 1
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			Chair: Ruth Landau (New York, United States) Obstetric anaesthesia Roshan Fernando (Doha, Qatar) Paediatric anaesthesia Karin Becke (Nürnberg, Germany)	
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L	KNL Lecture	Wednesday, 16 October 14:30 - 15:30	Keynote lecture Artificial Intelligence and the health care system. How can it help mother and child?	Hall 1
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			Chair: Andreas Hoeft (Bonn, Germany) Speaker Roberto Cingolani (Genoa, Italy)	

W	2HF3 Workshop	Wednesday, 16 October 14:30 - 16:00	Challenging case during a cesarean-section and neonatal resuscitation High Fidelity Workshop	Simulation Room
<p>Chair: Georges L. Savoldelli (Geneva, Switzerland) Dan Benhamou (Le Kremlin Bicêtre, France)</p> <hr/> <p>Instructors: Giorgio Capogna (Rome, Italy) Marinella Astuto (Catania, Italy) Filippo Bressan (Prato, Italy) Maria Grazia Frigo (Rome, Italy) Agnès Le Gouez (Clamart, France) Luca Tortorolo (Rome, Italy)</p> <hr/>				
W	2PW3 Workshop	Wednesday, 16 October 14:30 - 16:00	Ultrasound and neuraxial anesthesia in obstetrics	S10
<p>Chair: Luc Sermeus* (Edegem, Belgium)</p> <hr/> <p>Instructors: Carolyn Weiniger (Tel Aviv, Israel) Elena Tarascio (Rome, Italy) Eleonora Filippini (Rome, Italy)</p> <hr/>				
S	2S4 Symposium	Wednesday, 16 October 15:45 - 16:45	Pharmacology in pregnancy and childhood Rationale: describe how pharmacokinetic and pharmacodynamic of anaesthetic drugs are different in pregnancy and childhood	Hall 1
<p>Learning objectives:</p> <ul style="list-style-type: none"> • how to personalize pharmacological treatments during pregnancy • learning how and when drugs might have an effect on the foetus • why and how anaesthetics act differently in children <hr/> <p>Chair: Laurent Zieleskiewicz (Marseille, France)</p> <hr/> <p>Individualised anaesthesia and drug therapy during pregnancy? Ruth Landau (New York, United States)</p> <hr/> <p>Paracetamol during pregnancy: effects on mother and child? Karel Allegaert (Leuven, Belgium)</p> <hr/> <p>Pharmacology of anaesthetics drugs in children Tom Giedsing Hansen (Odense, Denmark)</p> <hr/>				

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2S5
Symposium

Wednesday, 16
October
15:45 - 16:45

Hall 2

Fluid management and circulation therapy

The rationale for this symposium is to improve the fluid management and the haemodynamic control in the parturient undergoing caesarean section under spinal anaesthesia or in children undergoing surgery.

Learning objectives:

- to know whether we should be using pre-, co- or no fluid loading for caesarean section performed under spinal anaesthesia.
- to learn when and how to treat haemodynamic instability during caesarean section performed under spinal anaesthesia.
- to master the specificities of fluid management in young children.

Chair:

Roshan Fernando (Doha, Qatar)

Pre-, co- or no fluids loading for C-section?

Frédéric Mercier* (Clamart, France)

Haemodynamic instability during C-section: when and how to treat?

Warwick Ngan Kee (Doha, Qatar)

Fluid management in children: what is the difference?

Karin Becke (Nürnberg, Germany)
