



BIRTH CONGRESS

CHALLENGES ON LABOUR AND DELIVERY

Wednesday, November 14th 2018

PRECONGRESS COURSES

- 09.00 - 17.30** **COURSE 1**
ULTRASOUND IN LABOUR AND DELIVERY
Course Directors: Tornbjorn M. Eggebo, Norway; Karim Kalache, Qatar
- 09.00 - 09.10 Welcome and Introduction
Karim Kalache, Qatar
- 09.10 - 10.20** **First Stage of Labor**
Chairperson: Tullio Ghi
- 09.10 - 09.40 Measurements during the first stage of labor as predictor of the progress and outcome of labor
Tornbjorn Eggebo, Norway
- 09.40 - 10.10 Repeated measurements and the sonopartogram
Christopher Lees, UK
- 10.10 - 10.20 Discussion
- 10.20 - 10.45** **Coffee Break**
- 10.45 - 12.30** **Fetal Malposition and Cephalic Malpresentations**
Chairperson: Tornbjorn Eggebo, Norway
- 10.45 - 11.15 The use of intrapartum ultrasound to diagnose malpositions and cephalic malpresentations
Tullio Ghi, Italy
- 11.15 - 12.05 Fetal head asynclitism
Antonio Malvasi, Italy
- 12.05 - 12.20 Practical approach, tips, tricks and things to avoid
Antonio Malvasi, Italy
- 12.20 - 12.30 Discussion
- 12.30 - 13.30** **Lunch**



- 13.30 - 15.15** **Second Stage of Labor**
Chairperson: Antonio Malvasi, Italy
- 13.30 - 13.50 Sonographic parameters for diagnosing fetal head station
Tullio Ghi, Italy
- 13.50 - 14.20 Transperineal ultrasound to predict complicated operative deliveries
Karim Kalache, Qatar
- 14.20 - 14.40 Practical approach, tips, tricks and things to avoid
Karim Kalache, Qatar
- 14.40 - 15.00 Routine use in prolonged second stage of labor: What does the research say?
Christopher Lees, UK
- 15.00 - 15.15 Discussion
- 15.15 - 15.40** **Coffee Break**
- 15.40 - 16.40** **Impact and outlook**
Chairperson: Christopher Lees, UK
- 15.40 - 16.00 Clinical Guidelines
Tullio Ghi, Italy
- 16.00 - 16.20 Intrapartum ultrasound in low resource settings
Tornbjorn Eggebo, Norway
- 16.20 - 16.40 10 Key messages and take away points
Tornbjorn Eggebo, Norway
- 16.40 - 17.30** **Panel Discussion**
- Who should examine?
 - Teaching examiners?
 - Future perspective



09.00 - 17.30

COURSE 2

TECHNIQUES OF CESAREAN DELIVERY AND SURGICAL MANAGEMENT OF PPH

Course Directors: Vincenzo Berghella, USA; Jose Palacios-Jaraquemada, Argentina

09.00 - 09.15

Introduction

09.15 - 09.30

Interventions before cesarean delivery

Vincenzo Berghella, USA

Prophylactic antibiotics: new evidence, Who should receive heparin? VTE prophylaxis, Tranexamic acid, Vaginal cleansing, shower night before preparing the skin for the incision: new evidence from randomized clinical trials

09.30 - 09.50

From Skin to Uterus

Jose Palacios Jaraquemada, Argentina

Blunt or sharp entry into the abdomen: pros and cons; Choice of retractors and other surgical instruments

09.50 - 10.10

Where should the uterine incision be performed; From uterine incision to closure

Michael Stark, Germany

Uterine incision: transverse, low vertical, or vertical?; Delivery of the fetus: tips and tricks; Optimal delivery of the placenta; Closing the uterine incision: one layer, two layers, and what type of suture?

10.10 - 10.30

Discussion

10.30 - 11.00

Coffee Break

11.00 - 11.20

Closing the abdomen

Aris Antsaklis, Greece

Is there a way to reduce the formation of adhesions in the peritoneal cavity?; Should the bladder flap be closed, and if so, how?; Should the peritoneum be closed? Should there be stitches in the anterior rectum muscles? Closing the subcutaneous tissue; Is there a role for placing drains?; How to close the skin: an evidence-based approach

11.20 - 11.40

Immediate postoperative care

Vincenzo Berghella, USA

Bandage, chewing gum, diet, ambulation, pain management

11.40 - 12.00

Cesarean in the obese patient

Mohamed Momtaz, Egypt

12.00 - 12.30

Discussion

12.30 - 13.30

Lunch

13.30 - 13.50

Cesarean in a patient in the 2nd stage of labor: difficulties and prognosis for future pregnancies

Alexis Gimovsky, USA



- 13.50 - 14.10 Cesarean scar niche. Possibilities of prevention and treatment
Roman Shmakov, Russia
- 14.10 - 14.40 Unexpected bleeding at cesarean: concept of primary and secondary hemostasis;
When to transfuse and how
Jose Palacios Jaraquemada, Argentina
- 14.40 - 15.00 Discussion and Break**
- 15.00 - 15.20 Intrauterine balloon tamponade in PPH during cesarean: an update
Sergey Barinov, Russia
- 15.20 - 15.50 Abnormal placental implantation disorders: management
Pierluigi Benedetti Panici, Italy
- 15.50 - 16.30 Discussion / Conclusions
- 09.00 - 17.30 COURSE 3**
ACUTE EMERGENCIES (DIC, AF EMBOLISM, HEART FAILURE, ANESTHESIA ETC)
Course Directors: Kzrzystof Kuzckowsky, USA; Wolfgang Henrich, Germany;
Offer Erez, Israel
- Participants: Maria Fernanda Escobar, Colombia
- 09.00 - 13.00 COURSE 4**
COMMON PROBLEMS IN LABOUR
Course Directors: Tim Draycott, UK; Enrico Ferrazzi, Italy
- Participants: Natasa Tul, Slovenia; Loredana Zordan, Italy
- 13.30 - 17.30 COURSE 5**
INTRAPARTUM FETAL MONITORING
Course Directors: Diogo Ayres De Campos, Portugal; Gerard H. Visser, The Netherlands
- 13.30 -13.35 Introduction
Diogo Ayres De Campos, Portugal
- 13.35 - 14.10 Physiology of fetal oxygenation
Gerard H. Visser, the Netherlands
- 14.10 - 14.45 Interpretation of the cardiotocogram
Diogo Ayers de Campos, Portugal
- 14.45 - 15.10 Adjunctive technologies
Edwin Chandraharan, UK
- 15.10 - 17.30 Case discussion



13.30 - 17.30

COURSE 6

SIMULATION: TWIN VAGINAL DELIVERY

Course Directors: Jon Barrett, Canada; Sarah Rae Easter, USA

Participants: Frank Louwen, Germany

09.00 - 16.30

COURSE 7

SIMULATION SKILL COURSE: ULTRASOUND IN THE MANAGEMENT OF OBSTETRICAL EMERGENCIES

Organized by EGEO group (Ecografia Gestione Emergenze Ostetriche) and SIEOG

Faculty: Giuseppe Rizzo, Tullio Ghi, Bianca Masturzo, Alice Suprani, Arianne Kerner, Federica Bellussi, Filomena Aloisio

09.00 - 11.00

Theoretical part

Chairperson: Giuseppe Rizzo, Italy

The role of ultrasound in the simulation of obstetrical intervention

Ultrasound before an operative vaginal delivery

Ultrasound in predicting and managing shoulder dystocia

Ultrasound in the management of obstetrical hemorrhage

Ultrasound in diagnosis anal sphincter injuries

11.00 - 11.30

Coffee break

11.30 - 12.30

Simulation skill on mannequin

12.30 - 13.30

Lunch break

13.30 - 16.30

Simulation skill on mannequin

- Operative delivery vacuum and forceps
- Shoulder dystocia
- Post partum hemorrhage
- Diagnosis and reparation of anal sphincter injuries

Thursday, November 15th 2018

**PHYSIOLOGY OF LABOR, MONITORING MOTHER AND FETUS, AND COMPLEX ISSUES ABOUT
ABNORMAL LABOR PROGRESS AND INDUCTION OF LABOR AT TERM**

- 08.00 - 10.20** **SESSION 1**
DEFINITION, DIAGNOSIS AND MONITORING OF NORMAL TERM LABOR - PART 1
Chairs: Gian Carlo Di Renzo, Italy; Roberto Romero, USA
- 08.00 - 08.30 *Assessment of Labor Progress and Nomenclature of Labor Disorders in the 1st and 2nd Stages*
Roberto Romero, USA
- 08.30 - 08.50 *Prolonged Latent Phase of Labor*
Mike Robson, Ireland
- 08.50 - 09.20 *Protracted and Arrest of Dilatation: Definition, Prognosi, and Management*
Aaron Caughey, USA
- 09.20 - 09.50 *A critical appraisal of the Friedman vs. Zhang labor curves: are they really different?*
Roberto Romero, USA
- 09.50 - 10.10 *Labour curves and the active management of labour*
Mike Robson, Ireland
- 10.10 - 10.20 Discussion
- 10.20 - 10.50** **BREAK, POSTER VIEW, EXHIBITS**
- 10.50 - 12.45** **SESSION 2**
THE SECOND STAGE OF LABOR
Chairs: Aaron Caughey, USA; TBA
- 10.50 - 11.05 *Assessment of Progress in the Second Stage of Labor: Digital, Ultrasound, Magnetic Monitoring and Others*
Dan Farine, Canada
- 11.05 - 11.25 *Second Stage of Labor: Protracted Descent and Arrest – Diagnosis and Management*
Aaron Caughey, USA
- 11.25 - 11.45 *What is the Real Effect of Epidural Analgesia in the Second Stage of Labor?*
Krzysztof M. Kuczkowski, USA
- 11.45 - 12.05 *When Should Women Push and For How Long in the Second Stage of Labor*
Jon Barrett, Canada



- 12.05 - 12.25 *Is there a Role for Episiotomy in Modern Obstetrics?*
Anwar Nassar, Lebanon
- 12.25 - 12.45 Discussion
- 12.45 - 13.30 BREAK, POSTER VIEW, EXHIBITS**
- 13.30 - 15.15 SESSION 3**
MONITORING OF TERM LABOR
Chairs: Gerard H. Visser, The Netherlands; TBA
- 13.30 - 13.55 *Fetal heart rate assessment during labor*
Diogo Ayres De Campos, Portugal
- 13.55 - 14.15 *How to monitor uterine contractions?*
Steven Koenen, The Netherlands
- 14.15 - 14.35 *Clinical value of the ST segment: randomized clinical trials*
Karl Rosen, Sweden
- 14.35 - 15.00 *Umbilical cord pH gases and lactate: normal values, diagnosis of metabolic and respiratory acidemia, and clinical implications*
Edwin Chandrahran, UK
- 15.00 - 15.15 Discussion
- 15.15 - 15.40 BREAK, POSTER VIEW, EXHIBITS**
- 15.40 - 16.10 SPECIAL LECTURE: Fifty years of RH disease prophylaxis. Looking back, looking forth.
Gian Carlo Di Renzo, Italy
- 16.10 - 18.00 SESSION 4**
INDUCTION AND ACCELERATION OF LABOUR
Chairs: Mike Robson, Ireland; TBA
- 16.10 - 16.30 *What is new about Oxytocin: Physiology, Method of Administration and Adverse Events*
Daniel Surbek, Switzerland
- 16.30 - 16.50 *Prostaglandins for the Induction of Labor*
Fabio Facchinetti, Italy
- 16.50 - 17.10 *Mechanical Methods for Induction of Labor*
Janesh Gupta, UK



- 17.10 - 17.30 *Definition of a Failed Induction of Labor*
Dan Farine, Canada
- 17.30 - 17.50 *Incidence, risks, benefits and audit of acceleration of labour with oxytocin*
Mike Robson, Ireland
- 17.50 - 18.00 Discussion
- 18.00 - 18.30 KEYNOTE LECTURE**
Evolutionary Meaning of the Obstetrical Dilemma: the Placenta, the fetus and the length of gestation
Roger Smith, Australia
- 18.30 - 19.40 OPENINGS**
- Introduction
The Chairs: Gian Carlo Di Renzo, Italy; Roberto Romero, USA
- Opening Lecture: *Labor and delivery through the centuries: the holistic view of a stakeholder*
James Newhouse; Donatella Lippi, Italy
- 19.40 - 21.30 Welcome Reception

Friday, November 16th 2018

CHALLENGES IN EVERYDAY PRACTICE IN LABOR AND DELIVERY

- 07.00 - 08.00 BREAKFAST SESSION**
- 08.00 - 10.15 SESSION 5**
OPERATIVE DELIVERY
Chairs: Vincenzo Berghella, USA; Tim Draycott, UK
- 08.00 - 08.25 *Why and when to intervene in the 2nd stage of labor*
Aaron Caughey, USA
- 08.25 - 08.50 *When and how to use a vacuum or forceps*
Bruno Carbonne, France
- 08.50 - 09.05 *Uterine metabolic status when high or low dose of oxytocin is used: its correlation to cesarean section*
TBA



- 09.05 - 09.30 *When and how to perform a Cesarean delivery in the 2nd stage*
TBA
- 09.30 - 09.55 *Breech: did we forget how to assist this presentation?*
Frank Louwen, Germany
- 09.55 - 10.10 Discussion
- 10.10 - 10.40 BREAK, POSTER VIEW, EXHIBITS**
- 10.40 - 11.10 SPECIAL LECTURE: *New developments: group B streptococci vaccination*
TBA
- 11.10 - 13.00 SESSION 6**
THE PELVIC FLOOR
Chairs: *Corinne Hubinont, Belgium; Lesley Regan, UK*
- 11.10 - 11.35 *How to protect the pelvic floor*
Shannaz T. Zahrani, Iran
- 11.35 - 12.05 *The pelvic floor after spontaneous and operative delivery*
Jan Deprest, Belgium
- 12.05 - 12.25 *How to repair 3rd or 4th degree lacerations*
TBA
- 12.25 - 12.50 *Pelvic floor childbirth injury: mechanisms, consequences, and long-term prognosis*
Vicki Handa, USA
- 12.50 - 13.00 Discussion
- 13.00 - 14.00 LUNCH TIME, POSTER VIEW, EXHIBITS**
- 14.00 - 16.00 SESSION 7**
CESAREAN DELIVERY: THE MOST COMMON OPERATION IN THE WORLD
Chairs: *Dan Farine, Canada; Gerard H. Visser, The Netherlands*
- 14.00 - 14.30 *How to perform a Cesarean delivery: a critical appraisal of surgical technique*
Vincenzo Berghella, USA
- 14.30 - 14.55 *Perioperative care of patients with Cesarean delivery (skin, antibiotics, catheterization, heparin, oxytocin vs prostaglandins)*
Emmanuel Bujold, Canada



- 14.55 - 15.20 *Cesarean scar defects: implications and repair alternatives*
Jose Palacios-Jaraquemada, Argentina
- 15.20 - 15.40 *Pain management of the patient with Cesarean delivery*
Krzysztof M. Kuczkowski, USA
- 15.40 - 16.00 *Classification of Cesarean delivery and monitoring of utilization of the procedure around the world*
Mike Robson, Ireland
- 16.00 - 16.15 Discussion
- 16.15 - 16.40 **BREAK, POSTER VIEW, EXHIBITS**
- 16.40 - 19.00 **SESSION 8**
POSTPARTUM HEMORRHAGE, PLACENTAL IMPLANTATION DISORDERS AND SPECIAL CHALLENGES
Chairs: Emmanuel Bujold, Belgium; Carlos Fuchtnr, Bolivia
- 16.40 - 17.05 *The prevention of postpartum hemorrhage - an evidence-based approach*
Corinne Hubinont, Belgium
- 17.05 - 17.30 *Management of postpartum hemorrhage in a normally-implanted placenta*
Mark Kurtser, Russia
- 17.30 - 18.10 *Anomalies of placenta implantations and risk of PPH*
Eric Jauniaux, UK
- 18.10 - 18.30 *Management of postpartum hemorrhage in cases of invasive implantation*
Wolfgang Henrich, Germany
- 18.30 - 18.50 *The special challenge of Cesarean delivery in obese patients or those with leiomyomas*
Dan Farine, Canada
- 18.50 - 19.00 Discussion
- 19.00 -19.30 KEYNOTE ADDRESS: The Odon Device: a revolution in the vaginal assisted delivery
Tim Draycott, UK
- 19.30 **ADJOURN**

Saturday, November 17th 2018

SPECIAL SESSIONS CELEBRATING THE "WORLD PREMATURETY DAY"

07.00 - 08.00 BREAKFAST SESSION

08.00 - 09.55 SESSION 9

UNDERSTANDING THE MECHANISMS OF DISEASE : PART 1

Chairs: Gian Carlo Di Renzo, Italy; Roberto Romero, USA

08.00 - 08.25 *Reframing the problem of premature labor: what it is and its evolutionary significance*
Roberto Romero, USA

08.25 - 08.45 *Infection and Inflammation and Microbioma as a Mechanism of Disease of premature labor*
Phil R. Bennett, UK

08.45 - 09.05 *Vascular Disorders and Spontaneous and Indicated Preterm Birth*
TBA

09.05 - 09.25 *Uterine overdistension (multiple gestations, polyhydramnios, and Mullerian Duct abnormalities) as a cause of preterm labor*
Kristina Adams-Waldorf, USA

09.25 - 09.45 *Maternal anti-fetal rejection*
Nardhy Gomez-Lopez, USA

09.45 - 09.55 Discussion

09.55 - 10.20 BREAK, POSTER VIEW, EXHIBITS

10.20 - 11.20 SESSION 10

UNDERSTANDING THE MECHANISMS OF DISEASE : PART 2

Chairs: Joe Leigh Simpson, USA; Luis Muglia, USA

10.20 - 10.40 *Cell-free DNA as a signal for term and preterm labor*
Sara J. Stock, UK

10.40 - 11.00 *Genetic predisposition to preterm birth*
Louis Muglia, USA

11.00 - 11.20 *Insight from epigenetics*
TBA



- 11.20 - 11.30 Discussion
- 10.00 - 13.00 SPECIAL SESSION**
THE BURDEN OF PREMATURITY IN THE WORLD: AGENDA FOR AWARENESS AND PREVENTION
Chairs: Flavia Bustreo (FIGO); Stacey D. Stewart (March Of Dimes);
Soumya Swaminathan (WHO)
- Participants: President of FIGO, IPA and allied Societies, Euro Parliament officers,
Ministries of Health, Chairpersons/representatives of Foundations and
Agencies
- 11.50 - 13.50 SESSION 11**
PRETERM PREMATURE RUPTURE OF MEMBRANES
Chairs: Bo Jacobsson, Sweden; Hanns Helmer, Austria
- 11.30 - 11.50 *Mechanisms of membrane rupture*
TBA
- 11.50 - 12.10 *New developments in the diagnosis and management of patients with preterm PROM
(induction of labor, new antibiotic regimens, magnesium sulfate)*
Maria Teresa Gervasi, Italy
- 12.10 - 12.20 Discussion
- 12.20 - 13.50 SESSION 12**
PREDICTION OF PRETERM LABOR AND BIRTH
Chairs: Yves Ville, France; Eduardo Fonseca, Brazil
- 12.20 - 12.40 *Historical and clinical risk factors (history of preterm birth, body mass index, lifestyle, inter
pregnancy interval)*
Bo Jacobsson, Sweden
- 12.40 - 13.00 *Cervical sonography (length, elastography, sludge) in the prediction of preterm birth*
Sonia Hassan, USA
- 13.00 - 13.20 *Biochemical markers in vaginal fluid and maternal blood (PaMG1, Fibronectin,
phosphorylated IGFBP-1 and proteomic markers)*
Gian Carlo Di Renzo, Italy
- 13.20 - 13.40 *Multidimensional models: big data for the prediction of preterm birth*
Kypros Nicolaides, UK
- 13.40 - 13.50 Discussion
- 13.50 - 14.30 LUNCH TIME, POSTER VIEW, EXHIBITS**



14.30 - 16.30

SESSION 13

PREVENTION

Chairs: Kypros Nicolaides, UK; TBA

14.30 - 14.50

Vaginal Progesterone for the prevention of preterm birth: 17OHP-C and vaginal progesterone in patients with a prior history

Eduardo Fonseca, Brasil

14.50 - 15.10

Vaginal Progesterone for patients with a sonographic short cervix: singletons and twins

Roberto Romero, USA

15.10 - 15.30

The role of cerclage in the prevention of preterm birth

Vincenzo Berghella, USA

15.30 - 15.50

The role of cervical pessary in singletons and twins

Luis Cabero-Roura, Spain

15.50 - 16.00

Prebiotics, probiotics, synbiotics: Recent evidence

Phil R. Bennett, UK

16.00 - 16.20

Prediction and prevention of preterm preeclampsia

Kypros Nicolaides, UK

16.20 - 16.30

Discussion

16.30 - 16.50

BREAK, POSTER VIEW, EXHIBITS

16.50 - 18.10

SESSION 14

MANAGEMENT OF ACUTE PRETERM LABOR

Chairs: Gerard H. Visser, The Netherlands; TBA

16.50 - 17.10

Tocolysis - is it worth it?

Hans Helmer, Austria

17.10 - 17.30

Steroids - beneficial or poisons?

Gerard H. Visser, The Netherlands

17.30 - 17.50

Magnesium sulfate for neuroprotection: a critical appraisal of the evidence

Agustin Conde-Agudelo, Colombia

17.50 - 18.10

Antimicrobial agents in patients with preterm labor

Bo Hyun Yoon, South Korea



- 18.10 - 19.40** **SESSION 15**
THE OUTCOME
Chairs: Ariadne Malamitsi-Puchner, Greece; TBA
- 18.10 - 18.30 *Delayed clamping of the umbilical cord: life saving in preterm neonates - evidence from RCTs and meta-analyses*
Enrico Lopriore, The Netherlands
- 18.30 - 18.50 *Managing pregnancies at the limits of viability*
Patrick O'Brien, UK
- 18.50 - 19.10 *The "golden hour" - importance of resuscitation in the early preterm neonate*
Despina Briana, Greece; Ariadne Malamitsi Puchner, Greece
- 19.10 - 19.30 *Critical and controversial issues about the periviable newborn*
Jon Barrett, Canada
- 19.30 - 19.40 Discussion
- 19.40 - 20.10 **CLOSING LECTURE**
Reflections on World Prematurity Day (Why to have it)
Gian Paolo Donzelli, Italy
- 20.10 - 20.30 **CONCLUDING REMARKS**
- 20.30 **END OF THE CONGRESS**