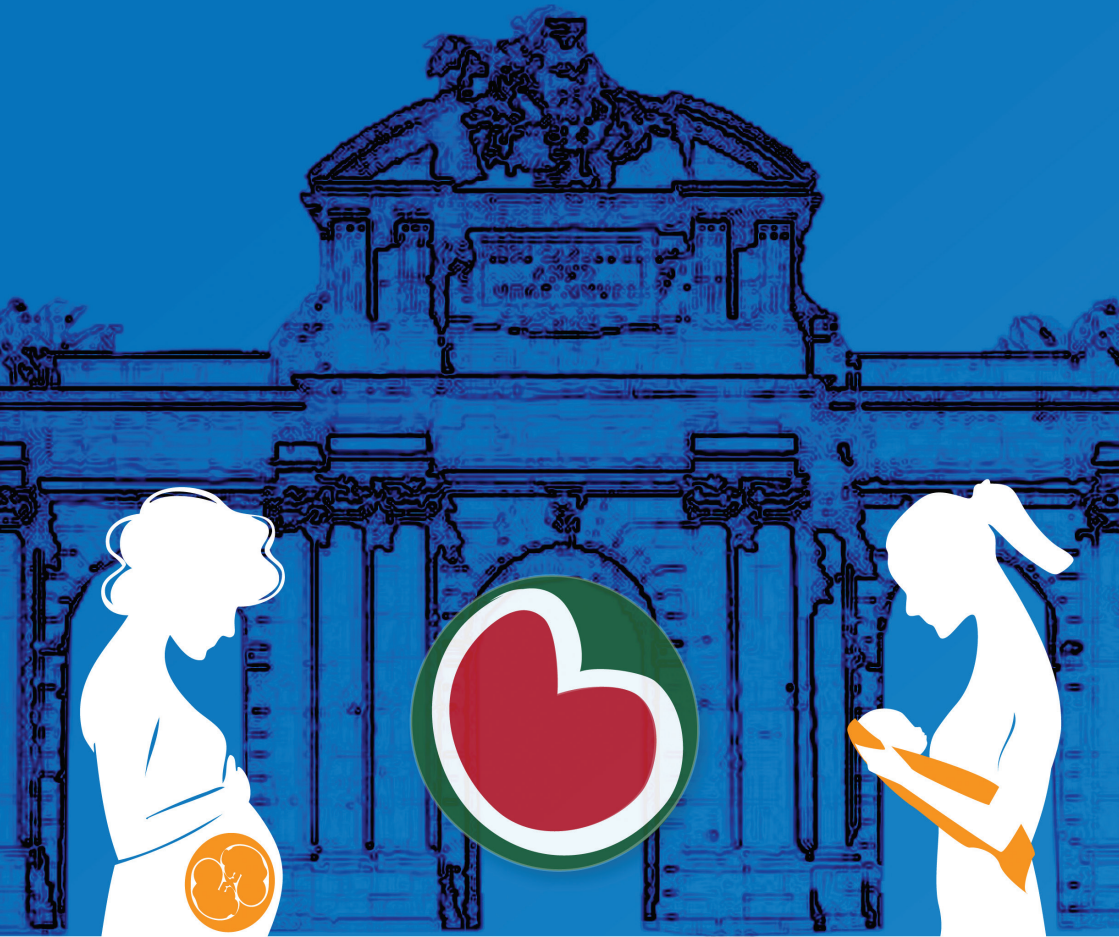


# 12<sup>th</sup> World congress of Perinatal Medicine



**MADRID - SPAIN**

**3<sup>rd</sup>-6<sup>th</sup> November, 2015**

[www.wcpm2015.com](http://www.wcpm2015.com)



**WAPM**

WORLD ASSOCIATION OF PERINATAL MEDICINE

## PRE-CONGRESS COURSES - TUESDAY, 3<sup>RD</sup> NOVEMBER

10.30-17.30

ROOM CARACAS

### Fetal Echocardiography

Course Directors: *Lami Yeo (USA)* and *Alberto Galindo (Spain)*

1. Content of a fetal cardiac examination: Guidelines proposed by professional societies. *Lami Yeo (USA)*
2. Methods of cardiac examination (2D, M-mode, spectral Doppler, color Doppler). *Fatima Crispi (Spain)*
3. Spatiotemporal image correlation (STIC) of the fetal heart: acquiring STIC volumes, evaluation of adequacy and examination of the STIC volume. *Lami Yeo (USA)*
4. Anatomy of the fetal heart and great vessels. *Mauricio Herrera (Colombia)*
5. Fetal Intelligent Navigation Echocardiography (FINE): Complexity made simple. *Roberto Romero (USA)*
6. Presentation of 5 cases of congenital heart disease: Just Images. *Lami Yeo (USA)*
7. Four-chamber view: obstructive lesions (hypoplastic left heart syndrome, hypoplastic right heart syndrome, and others). *Queralt Ferrer (Spain)*
8. Outflow tracts: tetralogy of Fallot, double outlet right ventricle, truncus arteriosus, transposition of great vessels. *Alberto Galindo (Spain)*
9. Aortic arch anomalies (coarctation of the aorta and more). *Lami Yeo (USA)*
10. Fetal cardiac function – evaluation of systolic and diastolic function. *Fatima Crispi (Spain)*
11. Extra-cardiac anomalies of the fetal thorax. *Cihat Sen (Turkey)*
12. Difficult cases of prenatal diagnosis. *Ana Bianchi (Uruguay)*

10.30-17.30

ROOM BRUSELAS

### Fetal Neurology

Course Directors: *Asim Kurjak (Croatia)* and *Ritsuko K. Pooh (Japan)*

1. Anatomy of the central nervous system with 2D, 3D, and silhouette ultrasound. *Ritsuko K. Pooh (Japan)*
2. Evaluation of the central nervous system using an automatic approach. *Ja Young Kwon (South Korea)*
3. Diagnosis of ventriculomegaly and its clinical significance. *Aris Antsaklis (Greece)*
4. Neonatal and infant outcome of isolated ventriculomegaly. *Simona Vladareanu (Romania)*
5. Anatomy and anomalies of the corpus callosum. *Eberhard Merz / Sonila Pashaj (Germany)*
6. Diagnosis of intracranial hemorrhage, cysts, and tumors of the fetal brain. *Vincenzo D'Addario (Italy)*
7. Normal and abnormal anatomy of the spinal cord (open neural tube defects, syringomyelia, scoliosis, and segmental spinal cord dysplasia). *Renato Augusto Moreira de Sá (Brasil)*
8. Advances in fetal neurophysiology. *Aida Salihagic Kadic (Croatia)*
9. Prenatal evaluation of neurologic function: the KANET test. *Asim Kurjak (Croatia)*
10. Disorders of brain proliferation, migration, and cortical organization. *Ritsuko K. Pooh (Japan)*
11. Neurobehavior of the fetus and neonate: to what extent are they different or similar? *Milan Stanojevic (Croatia)*



## PRE-CONGRESS COURSES - TUESDAY, 3<sup>RD</sup> NOVEMBER

10.30-17.30

ROOM LA PAZ

### International Ian Donald School for Ultrasound

Course Directors: *Frank Chervenak (USA)*, *Asim Kurjak (Croatia)*, and *Alaa El Ebrashy (Egypt)*

1. Screening for congenital anomalies in the first trimester. *Tamara Illescas (Spain)*
2. The case for universal screening fetal congenital heart disease in the first and second Trimester. *Apostolos Athanasiadis (Greece)*
3. Molar Pregnancy: A sometimes challenging diagnosis. *Rodrigo Ayala (Mexico)*
4. Noninvasive Prenatal Testing: State of the Art. *Carmina Comas (Spain)*
5. Imaging of the Fetal Face: State of the Art. *Eberhard Merz (Germany)*
6. Clinical and ethical issues about multifetal pregnancies. *Giovanni Monni (Italy)*
7. The current status of diagnosis of placenta accrete. *Azen Salim (Indonesia)*
8. Maternal Stress: Fetal and Neonatal Impact. *Liliana S. Voto (Argentina)*
9. What is the value of Doppler of the cerebroplacental ratio (MCA)? *Ivica Zalud (USA)*
10. The Role of Emergency Ultrasound in our Practice. *Hisham Arab (Saudi Arabia)*

10.30-17.30

ROOM MONTEVIDEO

### International Society of the Fetus as a Patient

Course Directors: *Frank Chervenak (USA)*, *Radu Vladareanu (Romania)* and *Asim Kurjak (Croatia)*

1. Evidence based prevention of prematurity. *Birgit Arabin (Germany)*
2. Should patients with preterm PROM be induced? *Ali Sungkar (Indonesia)*
3. The diagnosis and management of neonatal sepsis. *Marina Degtyareva (Russia)*
4. The obesity epidemic in obstetrics. *Joachim Dudenhausen (Germany)*
5. Evaluation of the patient with recurring spontaneous abortion. *Nese Kavak (Turkey)*
6. What is the role of thrombophilia in perinatal medicine. *Alexander Makatsariya (Russia)*
7. How to avoid hysterectomy when there is post-partum uterine atony. *Zoltan Papp (Hungary)*
8. Twin-to-Twin Transfusion Management: State of the Art. *Daniel Skupski (USA)*
9. The management of pregnancies with renal transplantation. *Mirosław Wielgos (Poland)*
10. The relationship to maternal age & perinatal outcome. *Snezana Crnogorac (Montenegro)*
11. Controversies in the management of shoulder dystocia. *Amos Grünebaum (USA)*

## PRE-CONGRESS COURSES - TUESDAY, 3<sup>RD</sup> NOVEMBER

10.30-13.30

ROOM BRATISLAVA

### Hemodynamic monitoring of the sick neonate (combined with neonatal ECMO)

Course Directors: *Constancio Medrano (Spain)* and *Ana Rodríguez Sánchez de la Blanca (Spain)*

Speakers:

*Constancio Medrano (Spain)*

*Teresa Álvarez Martín (Spain)*

*Alejandro Rodríguez Ogando (Spain)*

*Ana Rodríguez Sánchez de la Blanca (Spain)*

1. Hemodynamic Monitoring: "Classical Methods"
  - Perinatal Physiology
  - Monitoring Parameters
  - Echocardiography.
2. Hemodynamic Monitoring: New systems
  - Functional Echocardiography
  - New Cardiac Output Monitoring Devices:
    - > Ultrasound Dilution Technology
    - > Electrical Velocimetry
3. Preterm infants
  - PDA
4. Pulmonary Hypertension
  - Vasodilators Treatment
  - Cardiac Output. Shunts
5. Congenital Cardiac Disease
  - Cardiac Output Monitoring in the perioperative period
6. Myocardial Function
  - Speckle Tracking Echo
  - Myocardial Dysfunction in Hypoxemia and Hypothermia Treatment

10.30-13.30

ROOM OSLO

### Fertility and infertility in the ovarian cycle: Clinical Applications and Research

Coordinator: *Helvia Temprano (Spain)*

#### Biological indicators of fertility

Cervical secretion. Types of cervical secretion according to Odeblad's classification. The cycle in 3 phases: characteristics of the fertile phase. *Hermelinda Estévez (Spain)*

Basal temperature. Information provided during the ovarian cycle. Sintothermic record of basal temperature. *Lourdes Durango (Spain)*

Anatomic changes of the cervix. *Lourdes Durango (Spain)*

## PRE-CONGRESS COURSES - TUESDAY, 3<sup>RD</sup> NOVEMBER

### Clinical Applications

During breast-feeding. Lactational Amenorrhea Method: maternal, mixed and artificial

Postpartum fertility. *Helvia Temprano (Spain)*

In Infertility. In search of pregnancy: Pregnancy results in Primary Attention. *Isabel Valdés (Spain)*

Aging of the cervix. *Micaela Menárguez (Spain)*

Update on support technologies for measurement of basal temperature and cervical secretion.

*Candela Cardero (Spain)*

### Research

Enzymatic producing endocervical cells. *Erik Odeblad (Sweden)*

Study of cervical secretion under optical and electronic microscopes: transmission and scanning.

*Micaela Menárguez (Spain)* and *Helvia Temprano (Spain)*

### Conference

Fertility awareness as a human value. *Micaela Menárguez (Spain)*

Male partner contribution. *Fernando Trullols (Spain)*

Organized by: Natural Family Planning Teacher's Association of Spain (RENAFER) (Session in Spanish)

10.30-12.30

ROOM ESTOCOLMO

### Ultrasound-guided puncture in neonatology

Directors: *Pedro Piqueras Rodríguez (Spain)* and *Hector Moreda Aragón (Spain)*

Objectives:

1. To acquire basics of ultrasound and its application in nursing practice.
2. To acquire updated knowledge on the implantation, management and complications of venous catheters guided by ultrasound.

Organized by: SEEN (Spanish Society of neonatal nurse) and COINN (The council of International Neonatal Nurses) (Session in Spanish)

14.30-17.30

ROOM PRAGA

### Noninvasive ventilation - Sponsored by Ginevri

Course Directors: *Corrado Moretti (Italy)* and *Camilla Gizzi (Italy)*

1. NCPAP and HHFNC in the management of RDS of preterm infants: an update.  
*Gianluca Lista (Italy)*
2. Non-invasive ventilation: techniques and physiological effects. *Corrado Moretti (Italy)*
3. Non-invasive ventilation for treatment of apnea of prematurity. *Camilla Gizzi (Italy)*
4. Non-invasive ventilation: clinical trials after extubation and as primary support for RDS.  
*Cristina Ramos (Spain)*

## PRE-CONGRESS COURSES - TUESDAY, 3<sup>RD</sup> NOVEMBER

14.30-17.30

ROOM BRATISLAVA

**Neonatal ECMO. (Combined with hemodynamic monitoring of the sick neonate) - Sponsored by Maquet**

Course Directors: *María Luisa Franco (Spain)* and *Belén Bernardo (Spain)*

Speakers: *María Luisa Franco (Spain)* and *Belén Bernardo (Spain)*

14.30-17.30

ROOM VARSOVIA

**Developmental Care. From the brain of the neonate to the heart of health care -Sponsored by Dräger**

Course Directors: *Uwe Ewald (Sweden)* and *Sylvia Caballero (Spain)*

1. Why is family centered care the model of the NICUs future - A patients view. *Silke Mader (Germany)*
2. Focus on parents as an integral part in the care. *Uwe Ewald (Sweden)*
3. Infection impact in the NICU with a focus on family centered care. *Uwe Ewald (Sweden)*
4. Neurocritical care in the NICU: Environmental influences on the developing brain. *Hilary Whyte (Canada)*
5. Family Centered Care, the Mediterranean Countries approach. *Sylvia Caballero (Spain)*
6. Family Centered Care, the Northern Countries approach. *Liisa Lehtonen (Finland)*

14.30-17.30

ROOM OSLO

**Indian Society for Prenatal Diagnosis and Therapy (ISPAT) Session**

Chairpersons: *Gian Carlo Di Renzo (Italy)* and *Aris Antaklis (Greece)*

1. First trimester ultrasound (sonography). *Anupam Gupta (India)*
2. Preterm birth screening. *Renu Makwana (India)*
3. A stitch in time save lives. *Manjeet Mehta (India)*
4. FIGO Good Practice Recommendations to Improve Perinatal Outcome. *Narendra Malhotra (India)*

Organized by: ISPAT (Indian Society for Prenatal Diagnosis and Therapy)



## PRE-CONGRESS COURSES - TUESDAY, 3<sup>RD</sup> NOVEMBER

14.30-16.30

ROOM ESTOCOLMO

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# 12<sup>th</sup> World congress of Perinatal Medicine

PROGRAM - TUESDAY, 3<sup>RD</sup> NOVEMBER

AUDITORIUM

**18.00-19.30** **OPENING CEREMONY**

Welcoming the WCPM to Madrid, with the attendance of Spanish authorities

**Keynote Addresses:**

Fetal Medicine and Obstetrics in the 21st Century

*Aris Antsaklis (Greece) - President of the WAPM*

Neonatology in the 21st Century

*Eduardo Bancalari (USA)*

**AWARDS:**

Erich Saling Award

WCPM Madrid 2015 Awards





## PROGRAM - WEDNESDAY, 4<sup>TH</sup> NOVEMBER

### 08.00-09.00 ORAL PRESENTATIONS

#### ROOM MONTEVIDEO

#### 08.00-09.00 MEET THE EXPERT: *Dräger*

Specialization in Interfacility Transport for critical newborns and children: why systems, processes and clinical expertise impact outcomes  
*Hilary Whyte (Canada)*

#### ROOM LA HABANA

#### 08.00-09.00 MEET THE EXPERT

Program will come soon

#### ROOM CARACAS

#### 08.00-09.00 MEET THE EXPERT: *Chiesi*

Early and long-term lung function of preterm and BPD patients  
*Eugenia Baraldi (Italy)*

#### ROOM BRUSELAS

#### 08.00-09.00 MEET THE EXPERT: *Linde*

PPHN Syndrome 40 years birthday: We learned some, but still not enough to prevent its occurrence  
*Jaques Belik (Canada)*

#### AUDITORIUM

#### 09.00-10.30 Mechanisms responsible for preterm labor and fetal injury - PLENARY SESSION

Chairpersons: *Aris Antsaklis (Greece)* and *Manuel Carrapato (Portugal)*

1. Premature labor: one syndrome, many causes. *Roberto Romero (USA)*
2. Are the complications of prematurity due to immaturity, fetal or neonatal inflammation, or both? *Luc Zimmermann (The Netherlands)*
3. New BPD: Prenatal or Postnatal Origin? *Manuel Carrapato (Portugal)*

#### AUDITORIUM

#### 10.30-11.30 SPECIAL LECTURE

Chairpersons: *Aris Antsaklis (Greece)* and *Gennady Sukhikh (Russia)*

1. Noninvasive prenatal diagnosis in 2015. *Kypros Nicolaides (UK)*
2. The first postnatal growth standards for infants born preterm: the Preterm Postnatal Follow-up Study of the INTERGROWTH 21st Project. *Jose Villar (UK)*

#### 11.30-12.00 COFFEE BREAK AND E-POSTER VIEWING



# 12<sup>th</sup> World congress of Perinatal Medicine

## PROGRAM - WEDNESDAY, 4<sup>TH</sup> NOVEMBER

### AUDITORIUM

**12.00-14.00** **Bronchopulmonary dysplasia - PARALLEL NEONATAL**  
Chairpersons: *Eduardo Bancalari (USA)* and *Eugenio Baraldi (Italy)*

1. Pulmonary Hypertension and BPD. *Jaques Belik (Canada)*
2. BPD and adult chronic lung disease: are they causally linked?  
*Eugenio Baraldi (Italy)*
3. Human Stem Cell Therapies. *Won Soon Park (South Korea)*
4. Less invasive surfactant administration. *Egbert Herting (Germany)*

### ROOM LONDRES

**12.00-14.00** **The importance of nutrition for mother and infant in the first 1000 days-  
INDUSTRY SIMPOSIUM: Sponsored by Nestle**  
Chairperson: *Ferdinand Haschke (Austria)*

1. Diabetes in pregnancy: nutritional issues. *Frank Louwen (Germany)*
2. Nutrition of the SGA neonate: what do we know? *Ekhard Ziegler (USA)*
3. Nutrition support of the preterm neonate: Human milk fortification.  
*Jean Charles Picaud (France)*

### ROOM PARIS

**12.00-14.00** **Prediction and prevention of fetal death - PARALLEL OBSTETRICS**  
Chairpersons: *Chiara Benedetto (Italy)* and *Ivica Zalud (USA)*

1. Magnitude and causes of fetal death. *Gerard Visser (The Netherlands)*
2. Prediction of fetal death: the role of ultrasound. *Jason Gardosi (UK)*
3. Screening for Thrombophilia and heparin to prevent fetal Death.  
*Chiara Benedetto (Italy)*
4. Prediction and prevention of fetal death: a role for placental growth factor and  
statins. *Shali Mazaki-Tovi (Israel)*

### ROOM MADRID

**12.00-14.00** **New issues in the obstetrical management of acute preterm labor -  
PARALLEL OBSTETRICS**  
Chairpersons: *Gian Carlo di Renzo (Italy)* and *Alberto Puertas (Spain)*

1. New approaches to predict the outcome of threatened or suspected preterm labor.  
*Gian Carlo di Renzo (Italy)*
2. Choosing a tocolytic agent. *Bernat Serra (Spain)*
3. Controversies in corticosteroid administration - new data. *José Luis Bartha (Spain)*
4. Magnesium sulfate for neuroprotection. *Agustín Conde-Agudelo (Colombia)*

## PROGRAM - WEDNESDAY, 4<sup>TH</sup> NOVEMBER

### ROOM ROMA

#### 12.00-14.00 Postpartum hemorrhage - PARALLEL OBSTETRICS

Chairpersons: *Joaquim Calaf (Spain)* and *Chittaranjan Narahari Purandare (India)*

1. The pharmacologic approach for the prevention and treatment of postpartum hemorrhage. *Dan Farine (Canada)*
2. Surgical treatment of postpartum hemorrhage. *Zoltan Papp (Hungary)*
3. The surgical management of placenta accreta. *Mark Kurtser (Russia)*
4. Challenging questions in the management of postpartum hemorrhage with illustrative cases. *Dan Farine (Canada)*

### ROOM LA HABANA

#### 12.00-14.00 SOUTH EAST EUROPEAN SOCIETY OF PERINATAL MEDICINE (SEESPM) SESSION

Chairpersons: *Apostolos Athanasiadis (Greece)* and *Orion Gliozeni (Albania)*

1. MTHFR polymorphisms and perinatal complications. *Sinan Beksac (Turkey)*
2. Prediction of preterm delivery in patients in preterm labor. *Marja Hadjilega (FYR Macedonia)*
3. Multimodal imaging approach of the early fetal development. *Stamatian Florin (Romania)*
4. Fetal growth in gestational diabetes. *Daniel Muresan (Romania)*
5. Clinical significance of placental subchorionic haematoma. *Nebojsa Radunovic (Serbia)*
6. Pessary for Prevention of Prematurity in Twins. *Orion Gliozheni (Albania)*

Organized by: SEESPM (South East European Society of Perinatal Medicine)

### ROOM CARACAS

#### 12.00-14.00 Empowering of parents – Why does it matter and can it make a difference? - PARALLEL NEONATAL

Chairpersons: *Uwe Ewald (Sweden)* and *Segundo Rite (Spain)*

1. Hospital humanization care. *Teresa Bordons (Spain)*
2. Psychological support of the families in Perinatal Medicine. *Evelyn Cano (Spain)*
3. Family- centered care, the parents' view. *María Jesús Sánchez (Spain)*
4. Combining forces in maternal and newborn health – a European example in preterm birth. *Silke Mader (Germany)*

Organized by: Parents Association (APREM, Menudos Corazones and EFCNI)

#### 14.00-15.00 LUNCH BREAK AND E-POSTER VIEWING



# 12<sup>th</sup> World congress of Perinatal Medicine

## PROGRAM - WEDNESDAY, 4<sup>TH</sup> NOVEMBER

### AUDITORIUM

#### 15.00-16.30 Genomics in Obstetrics and Neonatology - PLENARY SESSION

Chairpersons: *Alberto Galindo (Spain)* and *Pablo Lapunzina (Spain)*

1. Noninvasive prenatal testing for aneuploidy. *Mary Norton (USA)*
2. Microarray analysis and genome-wide sequencing in congenital anomalies and fetal death. *Ignatia Van den Veyver (USA)*
3. Rapid sequencing of neonates to address diagnostic challenges. *Guillermo Antñólo (Spain)*

### AUDITORIUM

#### 16.30-18.30 The stabilization of the very low birth-weight infant - PARALLEL NEONATAL

Chairpersons: *Giuseppe Buonocore (Italy)* and *Hector Boix (Spain)*

1. From evidence to practice in neonatal-perinatal medicine. *Nestor Vain (Argentina)*
2. NICUization of the delivery room with parental involvement. *Uwe Ewald (Sweden)*
3. The Golden Hour for very immature infants. *Eduardo Bancalari (USA)*
4. Strategies to prevent invasive mechanical ventilation. *Corrado Moretti (Italy)*

### ROOM LONDRES

#### 16.30-18.30 Global Neonatology - PARALLEL NEONATAL

Chairpersons: *José Maria Carrera (Spain)* and *Milan Stanojevic (Croatia)*

1. The World Health Organization's global targets for improving maternal, infant and young child nutrition by 2025. *Mercedes de Onis (Switzerland)*
2. Sick kids International - building capacity and sustainability. *Hilary Whyte (Canada)*
3. Newborn care in developing countries, what else we can do? *María Dolores Elorza (Spain)*
4. Globalization: It's Impact on Health. *Dharmapuri Vidyasagar (USA)*
5. Programme LIFE FOR AFRICA: strategy to reduce the high maternal and infant mortality in Africa. *José Maria Carrera (Spain)*

### ROOM PARIS

#### 16.30-18.30 Fetal Surgery- PARALLEL OBSTETRICS

Chairpersons: *Eduard Gratacós (Spain)* and *Ruben Quintero (Qatar)*

1. Diagnosis and treatment of twin-to-twin transfusion syndrome. *Kurt Hecher (Germany)*
2. Fetal endoscopic treatment of urinary obstruction. *Ruben Quintero (Qatar)*
3. Treatment of diaphragmatic hernia. *Jan Deprest (Belgium)*
4. Fetal cardiac interventions: state of the art. *Alberto Galindo (Spain)*
5. Fetal surgery for myelomeningocele. *Elena Carreras (Spain)*



## PROGRAM - WEDNESDAY, 4<sup>TH</sup> NOVEMBER

### ROOM MADRID

#### 16.30-18.30 Preeclampsia: prediction and prevention - PARALLEL OBSTETRICS

Chairpersons: *Stefan Verlohren (Germany)* and *Elisa Llurba (Spain)*

1. Screening for early and late preeclampsia. *Francesc Figueras (Spain)*
2. Clinical implementation of angiogenic biomarkers for the management of placental insufficiency disorders. *Alberto Galindo (Spain)*
3. Novel Biomarkers for Preeclampsia. *Michael Gravett (USA)*
4. Aspirin for the prevention of preeclampsia: the ASPRE Trial. *Kypros Nicolaides (UK)*
5. Treatment and prevention of preeclampsia with Low Molecular Weight Heparin, Statins, Placental Growth Factor, Antithrombin III for the prevention of preeclampsia and fetal death. *Liliana S. Voto (Argentina)*

### ROOM ROMA

#### 16.30-18.30 The importance of maternal nutrition on the development of the offspring - INDUSTRY SIMPOSIUM: Sponsored by Bayer

Chairperson: *Berthold Koletzko (Germany)*

1. Prevention of congenital anomalies through periconceptional micronutrient supplementation: the birth of a new concept. *Attila Vereczkey (Hungary)*
2. Micronutrient requirements at conception and during pregnancy. *Irene Cetin (Italy)*
3. Fetal and neonatal programming and the importance of maternal nutrition. *Berthold Koletzko (Germany)*

### ROOM LA HABANA

#### 16.30-18.30 Hypertension in Pregnancy - PARALLEL OBSTETRICS

Chairpersons: *Aris Antsaklis (Greece)* and *Masao Nakabayashi (Japan)*

1. Screening of Preeclampsia in the first trimester of Pregnancy. *Aris Antsaklis (Greece)*
2. Efficacy of anticoagulation therapy in early onset preeclampsia. *Masao Nakabayashi (Japan)*
3. Endothelial dysfunction in the pathogenesis of preeclampsia – circulating endothelial cells. *Grzegorz Bręborowicz (Poland)*
4. Epidemiology of preeclampsia – risk factors – long term effects. *Panos Antsaklis (Greece)*
5. Gestosis and Histocompatibility: From Biodiversity Paradigma The Enigma Key? Hypothesis Evolution and Beyond. *Lorella Battini (Italy)*

Organized by: GESTOSIS

**16.30-18.30** **PARALLEL NEONATAL NURSE SESSION**  
"Skin care in the high risk newborn"

1. Evaluation of the risk of pressure sores in neonatology.  
*Pablo García Molina (Spain)*
2. Nursing in special situations, from the ECMO to CPAP.  
*Gloria Sanz Prades (Spain)*
3. Nursing care at birth skin problems.  
*Carmen Fernández Baquero (Spain)*

(Session in Spanish)

## PROGRAM - THURSDAY, 5<sup>TH</sup> NOVEMBER

### 08.00-09.00 ORAL PRESENTATIONS

AUDITORIUM

### 09.00-10.00 SPECIAL LECTURE

Chairpersons: *Frank Chervenak (USA)* and *Paolo Manzoni (Italy)*

1. Imaging of fetal neurobehavioral. *Asim Kurjak (Croatia)*
2. Brain imaging and prognosis of neurodevelopmental outcome in preterm infants. *Linda S. De Vries (The Netherlands)*

### 10.00-10.30 COFFEE BREAK AND E-POSTER VIEWING

AUDITORIUM

### 10.30-12.30 Hypoxic ischemic encephalopathy - PARALLEL NEONATAL

Chairpersons: *Dorothea V. Blanco (Spain)* and *Máximo Vento (Spain)*

1. Long term outcome in HIE? *Linda S. De Vries (The Netherlands)*
2. Who should we cool, for how long and at what temperature? *Marianne Thoresen (Norway)*
3. Cord Blood Cells for HIE. *C. Michael Cotten (USA)*
4. Erythropoietin for Neuroprotection in Very Preterm Infants. *Jean Claude Fauchere (Switzerland)*

ROOM LONDRES

### 10.30-12.30 Fetal biometry for the diagnosis of growth disorders - PARALLEL OBSTETRICS

Chairpersons: *Jason Gardosi (UK)* and *Francesc Figueras (Spain)*

1. International standards for fetal growth: the INTERGROWTH-21st Project. *Aris Papageorgiou (UK)*
2. The role of customized growth charts in the assessment of fetal growth. *Jason Gardosi (UK)*
3. Individualized fetal growth assessment. *Wesley Lee (USA)*
4. Monitoring growth from the first trimester to infancy using the same conceptual tools: a perinatal/infant approach. *José Villar (UK)*

ROOM PARIS

### 10.30-12.30 Diabetes and obesity during pregnancy - PARALLEL OBSTETRICS

Chairpersons: *Yariv Yogev (Israel)* and *Shali Mazaki-Tovi (Israel)*

1. Maternal body mass index and the risk of fetal death, and infant death. *Dagfinn Aune (UK)*
2. The association of maternal obesity and pregnancy related deaths. *Federico Mariona (USA)*
3. Diabetes, Obesity and Metabolic Syndrome in Pregnancy- The same disease? *Yariv Yogev (Israel)*
4. The long-term effects of diabetes and metabolic syndrome of the mother and father on the offspring. *Gerard H.A. Visser (The Netherlands)*



# 12<sup>th</sup> World congress of Perinatal Medicine

## PROGRAM - THURSDAY, 5<sup>TH</sup> NOVEMBER

### ROOM MADRID

#### 10.30-12.30 Twin gestations and advanced parental age - PARALLEL OBSTETRICS

Chairpersons: *Isaac Blickstein (Israel)* and *Joseph Schenker (Israel)*

1. Monochorionicity as an embryonic anomaly. *Isaac Blickstein (Israel)*
2. The placenta in twin gestations. *Corinne Hubinont (Belgium)*
3. What is the Outcome of Pregnancy when Mothers and/or Fathers are of Advanced Age? *Joseph Schenker (Israel)*
4. Prenatal diagnosis in twin gestations with NIPT. *Anton Mikhailov (Russia)*
5. Management of pregnancies with single fetal death. *Isaac Blickstein (Israel)*

### ROOM ROMA

#### 10.30-12.30 Screening for critical congenital heart defects (CCHD) in newborn infants using PulseOximetry - PARALLEL NEONATAL

Chairpersons: *Avroy Fanaroff (USA)*, *Paolo Manzoni (Italy)* and *Manuel Sánchez Luna (Spain)*

1. The scientific evidence for CCHD Screening and its practical application using PulseOximetry. *Andrew Ewer (UK)*
2. Global implementation efforts in CCHD Screening: is an European recommendation needed? *Andrew Ewer (UK)*
3. Barriers to universal implementation of CCHD Screening with Working Solutions. *Gerard R. Martin (USA)*
4. Dutch home delivery experience on CCHD screening web. *Iloa Narayan (The Netherlands)*
5. Panel Discussion: Engaging Scientific Societies in the efforts on CCHD Screening  
Different areas, different scenarios  
ESPR: *Luc Zimmerman (The Netherlands)*  
UENPS: *Manuel Sánchez Luna (Spain)*  
ESN: *Daniele de Luca (France)*  
Menudos Corazones: *María Escudero (Spain)*  
ISNS: *Gerard Loeber (The Netherlands)*  
Parent Organization EURODIS and ACC: *Gerard R. Martin (USA)*  
FUNDASAMIN & South America: *Nestor Vain (Argentina)*

### ROOM LA HABANA

#### 10.30-12.30 Perinatal infections in pregnancy

Chairpersons: *Yves Ville (France)* and *M<sup>a</sup> Ángeles Muñoz (Spain)*

1. Strategies for GBS screening, prevention and treatment in the perinatal period (new consensus guidelines). *Gian Carlo Di Renzo (Italy)*
2. Diagnosis and management of cytomegalovirus infection during pregnancy. *Yves Ville (France)*
3. Hepatitis during pregnancy: new concepts and treatment. *Gloria Taliani (Italy)*
4. New developments in HIV during pregnancy. *M<sup>a</sup> Ángeles Muñoz (Spain)*



## PROGRAM - THURSDAY, 5<sup>TH</sup> NOVEMBER

### ROOM CARACAS

**10.30-12.30** **When details become evidence: Evolving science with ultrasound - INDUSTRY SYMPOSIUM: Sponsored by Philips**  
Chairperson: *Dolores Cantelli (Spain)*

1. Capturing diagnostic information clearly with high frequency ultrasound.  
*Guillaume Gorincour (France)*
2. The complexity of heart malformations and structures.  
*Joanna Dangel (Poland)*
3. Fetal auditory cortex: A challenge for the future.  
*Carlos López Ramón (Spain)*

### AUDITORIUM

**12.30-13.30** **Respiratory Syncytial Virus Infection - INDUSTRY SIMPOSIUM: Sponsored by Abbvie**  
Chairpersons: *Paolo Manzoni (Italy)* and *Xavier Carbonell-Estrany (Spain)*

1. Introduction and objectives. *Xavier Carbonell-Estrany (Spain)*
2. Viral vs. bacterial respiratory infections in infants: challenges in diagnosis and clinical management. *Octavio Ramilo (USA)*
3. Lung function of preterm infants before and after viral infections.  
*Anne Greenough (UK)*
4. Conclusions and adjourn. *Paolo Manzoni (Italy)*

**12.30-13.30** **LUNCH BREAK AND E-POSTER VIEWING**

### AUDITORIUM

**13.30-15.00** **The importance of the Microbiota in Perinatal Medicine - PLENARY SESSION**  
Chairpersons: *Eduardo Bancalari (USA)* and *Octavio Ramilo (USA)*

1. The role of the microbiome in health and disease. *Francisco Guarner (Spain)*
2. The vaginal and placental microbiome in pregnancy. *Phil Bennett (UK)*
3. The neonatal microbiome in health and disease. *Joseph Neu (USA)*

### AUDITORIUM

**15.00-17.00** **The edge of viability - PARALLEL NEONATAL**  
Chairpersons: *Avroy Fanaroff (USA)* and *Josep Figueras (Spain)*

1. Where are the limits of viability? *Ola Saugstad (Norway)*
2. Optimal target oxygen saturation in the periviable neonate. *Máximo Vento (Spain)*
3. A comparison of the guidelines for the management of extremely premature deliveries. *Avroy Fanaroff (USA)*
4. Resuscitation versus stabilization in the delivery Room. *Marta Thio (Australia)*



# 12<sup>th</sup> World congress of Perinatal Medicine

## PROGRAM - THURSDAY, 5<sup>TH</sup> NOVEMBER

### ROOM LONDRES

#### 15.00-17.00 Challenges of the second stage of labor - PARALLEL OBSTETRICS

Chairpersons: *Alfredo Perales (Spain)* and *Chittaranjan Narahari Purandare (India)*

1. Defining a prolonged second stage of labor and its potential consequences for mother and infant. *Chittaranjan Narahari Purandare (India)*
2. The use of ultrasound to monitor labor progress. *Karim Kalache (Qatar)*
3. Vacuum vs. forceps – which is better (randomized clinical trials)?  
*Offer Erez (Israel)*
4. The maternal circulatory status in the second stage of labor monitored by electrical velocimetry: implications for the patient with cardiac disease.  
*Jun Yoshimatsu (Japan)*
5. The ODon device: a new approach. *Javier Schwartzman (Argentina)* and *Hugo Krupitzki (Argentina)*

### ROOM PARIS

#### 15.00-17.00 Prevention of preterm delivery - PARALLEL OBSTETRICS

Chairpersons: *Luis Cabero (Spain)* and *Eduardo da Fonseca (Brasil)*

1. Progesterone. *Roberto Romero (USA)*
2. Cervical cerclage (Cervical cerclage vs progesterone in short cervical length).  
*Eduardo da Fonseca (Brasil)*
3. Pessary. *María Goya (Spain)*
4. The prevention of preterm birth in twin gestations.  
*Agustín Conde-Agudelo (Colombia)*

### ROOM MADRID

#### 15.00-17.00 Neonatal Nutrition - PARALLEL NEONATAL

Chairpersons: *Paolo Manzoni (Italy)* and *Eduardo Doménech (Spain)*

1. The relationship between nutrition and neonatal infection. *Paolo Manzoni (Italy)*
2. Strategies to promote growth in the preterm infant. *Virgilio Carnielli (Italy)*
3. Personalized nutrition of the preterm infant. *Luca Maggio (Italy)*
4. Probiotics in immaturity. *Teresa del Moral (USA)*
5. Developmental aspects of drastic changes of lipoprotein metabolism in neonatal infants. *Nobuhiko Nagano (Japan)*



## PROGRAM - THURSDAY, 5<sup>TH</sup> NOVEMBER

### ROOM ROMA

#### 15.00-17.00 **Functional evaluation of the growth restricted fetus with Doppler and MRI - PARALLEL OBSTETRICS**

Chairpersons: *Ivica Zalud (USA)* and *Francisca Molina (Spain)*

1. Can the results of umbilical and fetal Doppler be used to manage the early growth restricted fetus (TRUFFLE study). *Gerard H.A. Visser (The Netherlands)*
2. The late IUGR fetus: screening, assessment, and timing of delivery. *Eduard Gratacós (Spain)*
3. What is the long term prognosis of early and late IUGR: observations based on magnetic resonance imaging and neurobehavioral studies. *Magda Sanz-Cortes (USA)*
4. Fetal growth restriction in twins. *Juan de León (Spain)*
5. Novel observations about the biology of the placenta in IUGR. *Irene Cetin (Italy)*

### ROOM LA HABANA

#### 15.00-17.00 **From the beginning of life to delivery: advanced tools in fetal ultrasound - INDUSTRY SYMPOSIUM: Sponsored by Toshiba**

Chairperson: *Eduard Gratacós (Spain)*

1. Advances in first trimester ultrasound. *Jader Cruz (Portugal)*
2. Advances in fetal cardiovascular ultrasound. *Alberto Galindo (Spain)*
3. Advances in fetal neurosonography. *Miguel Branco (Portugal)*

### ROOM CARACAS

#### 15.00-17.00 **PARALLEL NEONATAL NURSE SESSION "Scientific societies of neonatal nursing: from regional to global"**

1. Spanish Society of Neonatal Nursing, and opportunity to grow and to share. *Miguel García Fernández (Spain)*
2. Infant health nursing in the iberoamerican: building networks of collaboration. *María Luisa Díaz Martínez (Spain)*
3. Neonatal Nurses around the world: Presentation of COINN. *Rachel Valera Monsalve (Spain)*

### AUDITORIUM

#### 17.00-18.30 **Developmental origins of health and disease - PLENARY SESSION**

Chairpersons: *Yves Ville (France)* and *Asim Kurjak (Croatia)*

1. The long-term effects of nutrition in pregnancy: the importance of vitamin B12 during pregnancy on childhood adiposity. *Chittaranjan Yajnik (India)*
2. Bacterial and viral infections during pregnancy increase the risk of autism and schizophrenia in offspring. *Celso Arango (Spain)*
3. The long-term cardiovascular consequences of SGA. *Eduard Gratacós (Spain)*

### ROOM LONDRES

#### 18.30-19.30 **GENERAL ASSEMBLY**



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### 08.00-09.00 ORAL PRESENTATIONS

AUDITORIUM

#### 09.00-10.30 Chorioamnionitis and neonatal sepsis - PLENARY SESSION

Chairpersons: *Christian Speer (Germany)* and *José Luis Bartha (Spain)*

1. Chorioamnionitis: issues in diagnosis, microbiology and treatment.  
*Roberto Romero (USA)*
2. Rapid diagnosis of neonatal sepsis using molecular techniques.  
*Octavio Ramilo (USA)*
3. Fetal inflammatory response and possible consequences for the very immature preterm infant. *Christian Speer (Germany)*

AUDITORIUM

#### 10.30-11.30 SPECIAL LECTURE

Chairpersons: *Ivica Zalud (USA)* and *Manuel Sánchez Luna (Spain)*

1. The prediction and prevention of preterm birth. *Gian Carlo Di Renzo (Italy)*
2. The Survival Miracle of Very Low Birth Weight Infants. *Avroy Fanaroff (USA)*

### 11.30-12.00 COFFEE BREAK AND E-POSTER VIEWING

AUDITORIUM

#### 12.00-13.30 Preterm Premature Ruptured of Membranes - PARALLEL OBSTETRICS

Chairpersons: *Luis Ortiz Quintana (Spain)* and *Luis Mendes Da Graça (Portugal)*

1. The diagnosis of preterm and term PROM using biochemical markers.  
*Gian Carlo Di Renzo (Italy)*
2. The diagnosis of intra-amniotic infection/inflammation in preterm PROM using new rapid tests. *Maria Teresa Gervasi (Italy)*
3. Issues in the management of preterm PROM (steroids, neuro protection and monitoring to time delivery). *Montse Palacio (Spain)*
4. New developments on the use of antibiotics in patients in preterm PROM.  
*Bo Hyun Yoon (South Korea)*

ROOM LONDRES

#### 12.00-13.30 Innovations in NICU - INDUSTRY SIMPOSIUM: Sponsored by Philips

Chairperson: *Jacqueline Gubbioli Bellocq (Spain)*

1. Silent NICU. *Ana Riverola (Spain)*
2. Innersense. *Sidarto Bambang Oetomo (The Netherlands)*
3. Creating cultural change towards embracing Developmental Care.  
*Ngozi Edi-Osagie (UK)*



## PROGRAM - FRIDAY, 6<sup>TH</sup> NOVEMBER

### ROOM PARIS

#### 12.00-13.30 Congenital Heart Diseases, the global approach - PARALLEL NEONATAL

Chairpersons: *Gerard R Martin (USA)* and *Juan Miguel Gil-Jaurena (Spain)*

1. Universal prenatal detection of critical congenital heart disease: is it a realistic goal? *Alberto Galindo (Spain)*
2. The High Risk Fetus with CCHD and Planning for Delivery.  
*Gerard R Martin (USA)*
3. Neonatal cardiac care to all: from centers of excellence to international cooperation. *Constancio Medrano (Spain)*
4. The parents view. *María Escudero (Spain)*

### ROOM MADRID

#### 12.00-13.30 Emerging procedures to return to natural birth - PARALLEL SESSION

Chairperson: *Ariel Karolinsky (Argentina)*

1. Screening value of the pre-delivery placenta. *Ana Bianchi (Uruguay)*
2. New technical skills and professional techniques for the decision of vaginal childbirth. *Dalton Avila (Ecuador)*
3. Intrapartum ultrasound evaluation as an important tool to decrease fetal morbidity.  
*Catalina Valencia (Colombia)*
4. Normal physiological management of the delivery labor.  
*Ricardo Fescina (Uruguay)*
5. Low risk pregnancy and delivery. Fact or Fiction. *Samuel Karchmer (México)*

Organized by: FLAMP (Latin American Federation of Perinatal Medicine Associations) (Session in Spanish)

### ROOM ROMA

#### 12.00-13.30 Preterm delivery at the limits of viability - El prematuro al límite de la viabilidad- PARALLEL SESSION

Chairpersons: *Ángel Aguarón de la Cruz (Spain)* and *Salvador Salcedo (Spain)*

Moderators: *Francesc Botet (Spain)* and *Juan Luis Delgado (Spain)*

1. Prenatal (maduración pulmonar...). *Montse Palacio (Spain)*
2. Intranatal (cesárea o no, momento del parto, ...). *Juan Luis Delgado (Spain)*
3. Postnatal (reanimación en partos, LET, soporte cardiorrespiratorio..)  
*Enrique Salguero (Spain)*
4. Evolución. Supervivencia y secuelas. *Fermín García (Spain)*

Organized by SENEo-SEMEPE (Spanish National Societies of Perinatology, Neonatology and Obstetrics) (Session in Spanish)



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### ROOM LA HABANA

**12.00-13.30** **SIBEN's Actions to improve newborn health in Latin America: How can I become involved? - PARALLEL SESSION**  
Chairperson: *Augusto Sola (USA)*

Ongoing research and educational efforts:

1. SIBEN' s score in the Delivery room and hypothermia. *José María Pérez (Brasil)*
2. Pulmonary hypertension. *Sergio Golombek (USA)*
3. High risk follow up data base. *Mónica Morgues (Chile)*
4. Innovative nursing care and leadership. *María Teresa Montes Bueno (Spain)*
5. Challenges with multicultural families. *Susana Rodríguez (Argentina)*

Organized by: SIBEN (Sociedad Iberoamericana de Neonatología)

### AUDITORIUM

**13.30-15.00** **President's session - PLENARY SESSION**  
Chairpersons: *Aris Antsaklis (Greece)* and *Manuel Carrapato (Portugal)*

1. The evolution of perinatal medicine. *Erich Saling (Germany)*
2. Planned home birth in the developed world: A Challenge to Perinatal Medicine. *Frank Chervenak (USA)*
3. In-home care of the early discharged preterm newborn: strengthening ties between parents and children. *Xavier Carbonell-Estrany (Spain)*

### AUDITORIUM

**15.00-15.30** **TRIBUTE TO PROF. DR. ROBERTO CALDEYRO BARCIA**  
Moderator: *Dr. Julio Gonell (Dominicana)*

*Samuel Karchmer (Academic Influence and projection of FLAMP)*  
*José María Carrera (by academical friends of Prof Dr. Roberto Caldeyro Barcia)*  
*Roberto Romero (by the Editors of the Fetal Wellbeing homeage book)*  
*Dalton Avila (by the Authors of the Fetal Wellbeing homage book)*  
Acknowledgement: *Ana Bianchi (Alvarez and Caldeyro Foundation)*

Organized by FLAMP: Latin American Federation of Perinatal Medicine Associations

### AUDITORIUM

**15.30-15.45** **CLOSING CEREMONY**

All sessions will be in English (except for those where otherwise indicated). Simultaneous translations will be provided English to Spanish.



## PROGRAM - FRIDAY, 6<sup>TH</sup> NOVEMBER

### ROOM MADRID

#### 18.30-19.30 ELEVENTH MEETING OF THE INTERNATIONAL ACADEMY OF PERINATAL MEDICINE

Attendance: Members of IAPM and delegates of WAPM (free entrance).

Dress: formal

Presidency:

*Erich Saling (President of IAPM)*

*José Maria Carrera (Secretary General of IAPM)*

Moderator: *Bernat Serra (Spain)*

#### Topic: The future challenges in Perinatal Medicine:

1. The future challenges in Fetal Medicine. *Eduard Gratacós (Spain)*
2. The crucial role of perinatologists in the prevention of Non Common Diseases (NCDs)". *Luis Cabero (Spain)*
3. Academics of IAPM: Required Values. *José Maria Carrera (Spain)*



**WAPM**

**WORLD ASSOCIATION OF PERINATAL MEDICINE**