



1<sup>st</sup> World Congress on

# HOW IS THIS FETUS

Transforming fetal care from diagnosis to birth

November 5 to 7, 2026 · Auditori L'Illa, Av. Diagonal 547, Barcelona

## PRE-CONGRESS ONLINE SESSIONS

**October 14, 21 and 28, 2026.**

**Three online sessions** led by the organising committee (Dr. Edwin Chandraharan, Dr. Susana Pereira, Dr. Anna Gràcia) to review key concepts and build a shared foundation before the in-person meeting.

**Start at 20:00 Spanish time.**

19:00 United Kingdom / 15:00 Argentina and Uruguay / 14:00 Chile / 14:00 Colombia, Peru and Mexico (CDMX)

## PRE-CONGRESS COURSE

### **COURSE 1 - Fetal Surveillance Bootcamp for Intrapartum Lifeguards**

Chair: Edwin Chandraharan

**Thursday 5 November**

**From 10 to 12.30 am**

Advanced interactive course based on case discussion: how is THIS fetus, how will it respond to the clinical context, and how to make the right decision at the right time.

Advanced level.

*\* Not included in the congress registration.*

### **COURSE 2 - Intrapartum Physiological Simulation Course**

Chairs: Susana Pereira, Anna Gràcia and team

**Thursday 5 November**

**Hour: 11:00h**

Hands-on course built around a simulated clinical case. Participants move through a circuit of stations, making the decisions and performing the techniques the case requires at each step. The stations include CTG interpretation, vacuum-assisted birth and the new OdonAssist.

**Please note:** Spanish simultaneous interpretation will not be available for this pre-congress course.

*\* Not included in the congress registration*

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|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:00       | Registration                                                                                                                                                                                             |
| 14:30-15:00 | <b>Presentation</b><br>Dr. Edwin Chandraharan, Dr. Susana Pereira, Dr. Anna Gràcia                                                                                                                       |
| 15:00-15:20 | <b>Keynote lecture Defining best time to deliver at term</b><br>Prof. Kypros Nicolaides. UK                                                                                                              |
| 15:20-15:35 | <b>Gestational Diabetes, the impact on the placental function and fetal wellbeing</b><br>Dr. Federico Migliorelli. Spain                                                                                 |
| 15:35-15:50 | <b>Preeclampsia and Gestational diabetes: what do we expect to see on the CTG trace. What do we have to bear in mind during labour?</b><br>Dr. Edwin Chandraharan. UAE                                   |
| 15:50-16:15 | <b>Panel discussion.</b><br>Prof. Kypros Nicolaides, Dr. Federico Migliorelli, Dr. Edwin Chandraharan.<br>Moderator: Dr. Anna Gràcia. Spain.                                                             |
| 16:15-16:45 | Coffee break                                                                                                                                                                                             |
| 16:45-17:10 | <b>Late onset of placental insufficiency and IUGR</b><br>Dr. Francesc Figueras. Spain                                                                                                                    |
| 17:10-17:30 | <b>What do we expect to see on the CTG trace. The chronic hypoxia and RUPI spectrum</b><br>Dr. Susana Pereira. UK                                                                                        |
| 17:30-17:45 | <b>Understanding oxytocin beyond the uterus: a fetal perspective</b><br>Dr. Anna Gràcia. Spain                                                                                                           |
| 17:45-18:15 | <b>Panel discussion and Q&amp;A</b><br>Dr. Francesc Figueras, Dr. Susana Pereira, Dr. Anna Gràcia, Dr. Elisa Llurba.<br>Moderator: Dr. Edwin Chandraharan. UAE                                           |
| 18:15-18:27 | <b>Abstract elevated to presentation 1:</b><br>Oligohydramnios and intrapartum cardiotocographic criteria suggestive of fetal hypoxia: A retrospective analytical study.<br>Dr Clara Batlle Costa, Spain |
| 18:27-18:40 | <b>Abstract elevated to presentation 2:</b><br>Changes in intrapartum management following implementation of physiological cardiotocography interpretation.<br>Dr Sophia Andres, Germany                 |
| 18:40-18:50 | <b>Take-home messages of the day. Key ideas</b><br>Dr. Anna Gràcia. Spain                                                                                                                                |

# Friday 6 Morning

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00-08:30  | Registration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 08:30-09:00  | <b>Physiological Breech: head last, physiology first!</b><br>Katrin Löser, Denmark                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 09:00-09:15  | <b>How is this fetus when the mother is over 35 years old and/or has a high body mass index?</b><br><b>A practical approach</b><br>Prof. Ilenia Mappa. Italy                                                                                                                                                                                                                                                                                                                                                                                                              |
| 09:15-09:30  | <b>Fetal adaptation to maternal exercise: heart rate, placental haemodynamics and clinical translation</b><br>Dr. Rubén Barakat. Universidad Politécnica de Madrid. Spain                                                                                                                                                                                                                                                                                                                                                                                                 |
| 09:30-09:42  | <b>Abstract elevated to presentation 3:</b><br>Reducing hypoxic-ischaemic encephalopathy from CTG misinterpretation through physiology-based education and technology: a before–after study<br>Dr. Lucius Baltoaica.                                                                                                                                                                                                                                                                                                                                                      |
| 009:42-10:00 | <b>Q&amp;A</b><br>Moderator: Dr. Marta Rial. Spain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 10:00-10:20  | <b>What are the current challenges in managing chorioamnionitis to frontline clinicians?</b><br>Prof. Tullio Ghi. Italy                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10:20-10:35  | <b>Role of infection and preterm labour</b><br>Dr. Teresa Cobo. Spain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 10:35-10:55  | <b>3 big risk factors to introduce bacteria into the cavity</b><br>Dr. Anna Gràcia. Spain, Dr. Edwin Chandraharan. UAE                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 10:55-11:12  | <b>Abstract elevated to presentation 4:</b><br>Early Cardiotocographic Changes Preceding Maternal Fever in Histologically Confirmed Chorioamnionitis<br>Dr. Joana Rodrigues                                                                                                                                                                                                                                                                                                                                                                                               |
| 11:12-11:45  | Coffee break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 11:45-12:05  | <b>Fetal inflammation modifies physiological adaptation to intrapartum hypoxia in term fetus</b><br>Mikko Tarvonen, Midwife, Finland.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12:05-12:25  | <b>What do we expect to see on the CTG trace and bear in mind during labour?</b><br>Dr. Edwin Chandraharan. UAE                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 12:25-12:45  | <b>Input from the other side: management of neonatal encephalopathy</b><br>Prof. Divyen Shah, neonatologist. UK                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 12:45-13:15  | <b>Keynote on Chorioamnionitis</b><br>Prof. Roberto Romero. US. Remote connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 13:15-14:00  | <b>Panel discussion and Q&amp;A</b><br>Prof. Roberto Romero, Dr. Teresa Cobo, Dr. Edwin Chandraharan, Prof. Tullio Ghi, Prof. Divyen Shah, Prof. Christophe Vayssière, Mikko Tarvonen.<br>Moderator: Dr. Susana Pereira<br><i>Recognition: CTG features of chorioamnionitis. Definition of subclinical and clinical chorioamnionitis. Optimising the management after diagnosis. Role of intrapartum antibiotics and fluids. Induction and augmentation of labour versus operative birth. Neonatal management implications of diagnosing subclinical chorioamnionitis</i> |

# Friday 6 Afternoon

| MAIN AUDITORIUM |                                                                                                                                                                                                                    | ROOM 2 MIDWIFERY TRACK |                                                                                                                                                                                                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:00-15:20     | <b>Using Doppler in labour: clinical scenarios and limitations</b><br>Dr. Mónica Cruz-Lemini. Spain                                                                                                                | 15:00-15:15            | <b>Practical tips to make your birth room more physiological: experience from a midwife-led unit in Spain's public health system</b><br>Chiara Capece and Alba Alija García, midwives. Spain                   |
| 15:20-15:40     | <b>Changes of CTG and role of ultrasound in operative deliveries</b><br>Prof. Tullio Ghi. Italy                                                                                                                    | 15:15-16:15            | <b>Workshop on biomechanics during labour</b><br>Nazareth Olivera, midwife. Spain                                                                                                                              |
| 15:40-16:00     | <b>CTG in the preterm fetus: current evidence and knowledge gaps</b><br>Dr. Federico Migliorelli. Spain                                                                                                            |                        |                                                                                                                                                                                                                |
| 16:00-16:15     | <b>Fetal ECG (STAN) as a second-line tool</b><br>Prof. Christophe Vayssière. France                                                                                                                                | 16:15-16:30            | <b>Intelligent (and Intermittent) Auscultation: listening to the fetus with physiology in mind</b><br>Irene de la Blanca Martínez. Specialist midwife. UK                                                      |
| 16:15-16:40     | <b>Break</b>                                                                                                                                                                                                       | 16:30-16:50            | <b>Break</b>                                                                                                                                                                                                   |
| 16:40-17:00     | <b>Fetal tachycardia, pyrexia and drugs on the CTG: avoiding overreaction and missed deterioration</b><br>Dr. Mareike Bolten. Germany                                                                              | 16:50-17:30            | <b>Workshop on the rebozo technique</b><br>Alina Valdivia, midwife. Chile                                                                                                                                      |
| 17:00-17:12     | <b>Abstract elevated to presentation 5:</b><br>Diagnostic accuracy of artificial intelligence applied to intrapartum cardiotocography for fetal acidemia: a systematic review and meta-analysis<br>Dr. Joana Cunha | 17:30-17:55            | <b>Symposium on water birth: physiological approach and fetal surveillance</b><br>Chiara Capece, midwife. Spain                                                                                                |
| 17:12-18:15     | <b>How is THIS Abstract? The 7 best oral communications</b><br>Live audience voting. Presenting authors of the top-ranked abstracts                                                                                | 17:55-18:15            | <b>Born in calm: the science behind hypnobirthing</b><br>Carmen Moreno. Spain                                                                                                                                  |
| 18:15-18:20     | <b>Take-home messages of the day. Key ideas</b><br>Dr. Anna Gràcia. Spain                                                                                                                                          | 18:15-18:50            | <b>Panel discussion and Q&amp;A. The midwife as guardian of physiology: where do we stand today?</b><br>Chiara Capece, Alba Alija García, Nazareth Olivera, Alina Valdivia, Moderator: Irene de la Blanca, UK. |
| 18:30-18:50     | <b>SYMPOSIUM SATÉLITE</b><br><b>La obstetricia de los pequeños detalles.</b><br>Dr. Maria Carmen Medina, Spain<br>Patrocinado por ZAMBON                                                                           |                        |                                                                                                                                                                                                                |
| 20:00-22:00     | <b>Casual networking dinner</b>                                                                                                                                                                                    |                        |                                                                                                                                                                                                                |

# Saturday 7

|             |                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00-08:30 | Registration                                                                                                                                                                              |
| 08:30-09:15 | <b>Symposium on obstetric emergencies and risk management considering physiology</b><br>Dr. Edwin Chandraharan. UAE                                                                       |
| 09:15-09:35 | <b>Anaesthesia for obstetricians and midwives: impact of epidural and general anaesthesia on fetal wellbeing</b><br>Dr.Andrew Tan, Obstetric anaesthetist, UK                             |
| 09:35-09:55 | <b>Beyond the fetus: the perineum we leave behind</b><br>Malene Hegenberger, midwife. Denmark                                                                                             |
| 09:55-10:15 | <b>PregnaDigit: remote digital care at home for pregnancy complications replacing admission to hospital</b><br>Prof Arie Franx, Netherlands                                               |
| 10:15-10:35 | <b>How AI can support clinical decisions in labour monitoring</b><br>Prof. Antoniya Georgieva. University of Oxford, Oxford Labour Monitoring Group. UK                                   |
| 10:35-10:45 | <b>Can AI recognise different types of Fetal hypoxic stress and abnormal patterns?</b><br>Dr. Luka Velemir, France                                                                        |
| 10:45-11:15 | Coffee break and Official Congress Photo                                                                                                                                                  |
| 11:30-12:40 | <b>Put the faculty on the spot! Interactive CTG discussion including bring your own cases</b><br>Dr. Edwin Chandraharan, Dr. Susana Pereira<br><i>Plenary session. No parallel track.</i> |
| 12:40-13:00 | <b>Moving from Silence to Sharing. What to do when things go wrong</b><br>Dr Rebecca (Becs) Winterborn. Vascular surgeon, Clinical director and coach. UK                                 |
| 13:00-13:40 | <b>Challenges, and solutions, of implementing physiological CTG interpretation</b><br>Dr. Edwin Chandraharan, Dr. Susana Pereira                                                          |
| 13:40-14:00 | <b>Conclusions: how is the fetus? What we know, what we don't, and what's next</b><br>Dr. Edwin Chandraharan, Dr. Susana Pereira, Dr. Anna Gràcia                                         |

## Preliminary program

**ACCESS TO SESSIONS DEPENDS ON REGISTRATION TYPE.**  
Partial Registration: access to Room 2 only from 12:45 on Day 2, with dedicated sessions or live streaming of plenary hall sessions.  
Full & Resident Registration: full access.