

Approved by



PROGRAMME

May 20-21, 2022

PT Meeting Center
LISBOA

UPDATES

in Fetal Medicine

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A STEP-BY-STEP APPROACH TO COMMON AND CHALLENGING ULTRASOUND FINDINGS

08:30 **HOW TO ASSESS A FETUS WITH SUSPECTED MICROCEPHALY?**

Panel: Ana Carocha, Cláudia Rijo, Inês Carvalho

Questions to be answered in this session:

- How to define a microcephaly?
- What are the CNS structures I should evaluate?
- Should I look at abnormalities in other systems?
- Can MRI help me in any way?
- Beyond imaging, what else should I look for?
- What is the genetic perspective on Microcephaly?
- What should I tell the parents?

09:30 **AN ABNORMAL 3 VESSELS VIEW OF THE FETAL HEART, WHAT NOW?**

Panel: Leonor Ferreira, Inês Carvalho, Inês Gomes

Questions to be answered in this session:

- Is the 3 vessel view really abnormal?
- What else in the heart should I look for?
- What is the impact of gestational age?
- How to perform a targeted anomaly scan?
- How can new technologies help me?
- What can genetic studies tell me?
- How to counsel parents?

10:30 **Coffee-break**

11:00 **THE FEMUR IS SHORT.**

Panel: Bruno Carrilho, Inês Carvalho, Natacha Oliveira

Questions to be answered in this session:

- Is the femur short, curved or bended?
- Should I recalculate the risk for aneuploidies?
- How to define if this is a skeletal dysplasia?
- Is this a "simple" fetal growth restriction?
- What the Geneticist needs to know from me?
- What the Geneticist will look for?
- What is the counselling?

OBJECTIVES

The course focus on a practical approach to daily challenging abnormal ultrasound findings.

It is design to give a problem learned based perspective, discussion of diagnostic algorithms to establish differential diagnosis, aetiology and prognosis. It will include the use of technologies that may help such as MRI, invasive procedures and role of Genetics in Fetal Medicine.

Pre-congress course scientific board:

Álvaro Cohen, Ana Carocha, Bruno Carrilho, Cláudia Rijo, Inês Carvalho,
Inês Gomes, Leonor Ferreira, Natacha Oliveira, Jader Cruz

PROGRAMME

May 20 (Afternoon, Updates opens at 13:00 (lectures start at 14:00))

Session 1 HEART & BRAIN

Chair: John Simpson, Miguel Branco

- 14:00 Fetal brain in fetuses with major cardiac defects.**
Ana Carocha
- 14:25 The impact of cardiac defects in fetal and maternal Dopplers.**
Natacha Oliveira
- 14:50 Diagnostic challenges of important cardiac conditions: how not to miss.**
Vita Zidere
- 15:15 Early neurosonography.**
Nicola Volpe
- 15:40 Variations in fetal lateral ventricle morphology: What do we know?**
Dora Antunes
- 15:45 Genetic testing and postnatal outcomes in isolated prenatal clubfoot.**
Alice Porto Vasconcelos
- 15:50 Discussion**

Session 2 ASSISTED REPRODUCTION and FETAL MEDICINE

Chair: Teresinha Simões, Álvaro Cohen

- 16:05 Normal pre-implantation genetic testing: what does it really mean?**
Filipa Carvalho
- 16:30 Aspirin and heparin in assisted reproduction: evidence based use or nonsense practice?**
Rui Miguelote
- 16:55 Twins, PE, FGR and stillbirth in assisted conception pregnancies: How should prospective parents be counselled?**
Teresinha Simões
- 17:20 Discussion**
- 17:40 Coffee-break**

Session 3 ULTRASOUND and LABOUR

Chair: Fátima Serrano, Diogo Ayres de Campos

- 18:10 Intrapartum FHR monitoring: a risk procedure for mothers and doctors?**
Gerard Visser
- 18:35 Intrapartum ultrasound before operative vaginal delivery.**
Nicola Volpe
- 19:00 Postpartum ultrasound for early diagnosis of anal sphincter injury.**
Dusan Djokovic
- 19:25 Discussion**
- 19:40 End of day**

PROGRAMME

May 21 (Morning, Updates opens at 08:00 (lectures start at 09:00))

Session 4 MONOCHORIONIC TWINS

Chair: Alexandra Matias, Ana Teresa Martins

- 09:00 Management of MC twins discrepant for anomalies.**
Álvaro Cohen
- 09:20 TTTS: there is more than amniotic fluid, bladder and heart.**
Jader Cruz
- 09:40 Discussion**

09:50 Symposium ROCHE

NIPT: HAVE WE SOLVED THE HOT TOPICS?

- 10:30 Coffee-break**

Session 5 **PE, FGR and STILLBIRTH**

Chair: Gerard Visser, Luís Guedes-Martins

- 11:00 Preventing term stillbirth: does fetal size matter?**
Basky Thilaganathan
- 11:30 Pregnancy outcomes after 1st trimester combined screening for PE.**
Laure Noel
- 11:55 Is postpartum management of preeclampsia important?**
Basky Thilaganathan
- 12:20 Discussion**

Session 6 **PRETERM BIRTH**

Chair: Carlos Veríssimo, José Matos-Cruz

- 12:40 Prevention of preterm birth in twin pregnancies.**
Eduardo Fonseca
- 13:05 The sliding sign.**
Nicola Volpe
- 13:30 The Impact of Being Born Too Soon in the Autonomous Region of Madeira.**
Diogo Pires dos Santos
- 13:35 Discussion**

13:55 Symposium SYNLAB (with lunchbox)

PRÉNATAL GENOMIC TESTS: PROGRESS AND CHALLENGES

Margarida Reis Lima

Session 7 **THE FUTURE IS TODAY**

Chair: Nicola Volpe, Jader Cruz

- 14:35 A window to the future: how artificial intelligence can help in OBGYN ultrasound.**
Aris Papageorgiou
- 15:00 Rapid exome sequencing.**
João Freixo
- 15:25 Artificial intelligence for prenatal screening and diagnosis of congenital heart disease.**
John Simpson
- 15:50 Cloud for health care.**
Ido Ron
- 16:10 Coffee-break**

Session 8 **CSP/PAS**

Chair: Nuno Clode, Álvaro Cohen

- 16:40 Diagnosis, natural history and management of CSP.**
Laure Noel
- 17:05 Routine screening and diagnosis of PAS.**
Basky Thilaganathan
- 17:30 How to stop the cesarean section epidemics.**
Gerard Visser
- 17:55 Placenta accreta spectrum: difficult prenatal diagnosis.**
Mariana Sucena
- 18:00 Discussion**

Session 9 **11-14 WEEKS ASSESSMENT BEYOND SCREENING FOR ANEUPLOIDIES**

Chair: Álvaro Cohen, Jader Cruz

- 18:20 Is early screening for fetal anomalies effective?**
Aris Papageorgiou
- 18:45 cfDNA beyond common trisomies: are we ready?**
Inês Carvalho
- 19:10 Discussion**

19:35 KPMG award for best Oral Communication

20:00 End