1st Fetal Surgery Symposium and hands on course

Vall d’Hebron Barcelona Hospital Campus
BARCELONA 2020

Symposium 23rd & 24th march
Hands on (1st group): 24th & 25th March
Hands on (2nd group): 26th & 27th March

www.fetalsymbcn.com
PRESENTATION
This event intends to join the best world experts in the different disciplines in Fetal Surgery with an educational purpose to Fetal Medicine/Obstetrician and Pediatric Surgery professionals and will be composed in two parts: a Symposium to discuss about each tender point in Fetal Therapy and a Hands On Course with simulation in in-animated and animal models of different techniques as ultrasound guided procedures, fetoscopy, tracheal occlusion, laser therapy, neural tube defects reconstruction, amniotic band release and creation of animal models of different malformations.
1st FETAL SURGERY SIMPOSIUM
23th, 24th & 25th march 2020
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SCIENTIFIC PROGRAM - 23th MARCH 2020

08:00-08:30h Open registration
08:30-08:45h Welcome Opening
08:45-09:00h Multidisciplinary team. A Village People. Dr. E. Carreras

SESSION 1. Discussants: Dr. M. Sanz, Dr. J.L. Peiró
09:00-09:20h Monochorionic Twins.
   ● TTTS (laser therapy). Dr. N. Maiz
   ● Selective IUGR (selective reduction). Dr. L. Lewi
09:30-09:50h EXIT procedure. Dr. S. Arévalo
10:00-10:20h Thoracic surgery.
   ● Hydrothorax (Shunt/thoracocentesis). Dr. S. Gil Pugliese
   ● CPAM (Open resection/Shunting). Dr. A. Lain
10:30-11:00h Coffee break

SESSION 2. Discussants: Dr. J. Jani, Dr. R. Ruano
11:00-11:20h CDH (FETO).
   ● Prenatal diagnosis. Dr. C. Rodó
   ● Prenatal intervention. Dr. J. Deprest
11:30-11:50h Cardiac Surgery.
   ● Aortic Stenosis (valvuloplasty). Dr. W. Tworetzky
   ● Pulmonary Stenosis (valvuloplasty). Dr. Q. Ferrer
12:00-12:20h Amniotic Band (fetoscopic release.) Dr. F. Soldado
12:30-13:00h Complex cases and free communications
   Prof. Dr. Roland Axt-Fliedner

13:00-14:30h Lunch

SESSION 3. Discussants: Dr. J. Deprest, Dr. A. Flake
14:30-14:50h LUTO (vesicoamniotic shunting/Laser ablation). Dr. R. Ruano
15:00-15:20h Sacrococcygeal Teratoma. Dr. J.L. Peiró
15:30-15:50h Animal models. Dr. M. Esteves
16:00-17:00h Complex cases and free communications
**SCIENTIFIC PROGRAM - 24TH MARCH 2020**

**SESSION 4. Neural Tube Defects**  
*Discussants: Dr. E. Carreras, Dr. A. Cuxart, Dr. M. Sanz*

- **08:00-08:40h**  
  Prenatal Diagnosis.  
  - *Diagnostic protocol by US*. Dr. JM. Jouannic  
  - *Fetal-MRI*. Dr. J. Jani / Dr. E. Vázquez  
  - *Neurological level*. Dr. E. Carreras  
  - *SUOG project - Artificial Intelligence for ultrasound diagnosis assistance for fetal dysraphism*. Dr. Ferdinand Dhombres

- **08:40-10:00h**  
  Surgical Technique  
  - Why, who & when to offer the fetal intervention. *Dr. M. Sanz*  
  - Fetal Open procedure. *Dr. A. Flake*  
  - Percutaneous Endoscopic Fetal Surgery. *Dr. Lapa*  
  - Exteriorized Uterus Endoscopic Fetal Surgery. *Dr. C. Giné*  
  - How do I do it? *Dr. M. Sanz, Dr. JL. Peiró, Dr. C. Giné, Dr. Lapa*

- **10:00-10:20h**  
  Intra and postoperative care  
  - Maternal & fetal anesthesia. *Dr. S. Manrique - Dr. M. Pascual*  
  - Tocolysis in fetal therapy. *Dr. S. Arevalo*

- **10:20-11:00h**  
  Evidence based indications/results – Round table  
  *Dr. A. Flake, Dr. M. Sanz, Dr. JL. Peiró, Dr. C. Giné, Dr. Lapa*

- **11:00-11:30h**  
  Coffee break

**SESSION 5. Discussants: Dr. C. Giné, Dr. A. David**

- **11:30-11:50h**  
  The neonatologists point of view. *Dr. C. Ruiz*

- **11:50-12:10h**  
  Cell Therapy in Fetal Medicine. *Dr. A. David*

- **12:10-12:40h**  
  Artificial Placenta. *Dr. A. Flake*

- **12:40-13:00h**  
  Closing remarks. *Dr. M. López*
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HANDS-ON (1st group)-
24th & 25th March 2020


24th March - 15:00-19:00h

1. Ultrasound guided punctures (in-animated models)
   a. Set up. Materials and instruments
   b. Amniocentesis. Cordocentesis
   c. Fetal anesthesia
   d. Thoracoamniotic shunting

2. Basics in Fetoscopy (in-animated models)
   a. Set up. Materials and instruments
   b. Seldinger technique
   c. Get used to the fetoscope

25th March – 9:00-13:00h & 15:00-19:00h

3. Advanced Fetoscopy (in-animated models)
   a. Uterine exploration: fetal and placental exploration
   b. Vascular anastomosis: recognition and Ecuador finding
   c. Recognition of amniotic bands
   d. Laser therapy

4. Neural Tube Defects Station (in-animated models)

5. Simulation in animals
   a. Tracheal occlusion
   b. Amniotic band
   c. TTTS
   d. Creating animal models:
      a. CDH
      b. MMC
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HANDS-ON (2nd group)-
26th & 27th MARCH 2020


26th March - 09:00-13:00h

1. Ultrasound guided punctions (in-animated models)
   a. Set up. Materials and instruments
   b. Amniocentesis. Cordocentesis
   c. Fetal anesthesia
   d. Thoracoamniotic shunting

2. Basics in Fetoscopy (in-animated models)
   a. Set up. Materials and instruments
   b. Seldinger technique
   c. Get used to the fetoscope

27th March – 9:00-13:00h & 15:00-19:00h

3. Advanced Fetoscopy (In-animated models)
   a. Uterine exploration: fetal and placental exploration
   b. Vascular anastomosis: recognition and Ecuador finding
   c. Recognition of amniotic bands
   d. Laser therapy

4. Neural Tube Defects Station (In-animated models)

5. Simulation in animals
   a. Tracheal occlusion
   b. Amniotic band
   c. TTTS
   d. Creating animal models:
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LANGUAGE
The conference language will be English.

REGISTRATION

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<tr>
<th>Event</th>
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<tr>
<td>Symposium - Early bird fee (until January 15th)</td>
<td>300€</td>
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<td>Symposium - Late Registration fee</td>
<td>400€</td>
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<tr>
<td>Symposium &amp; Hands on (until January 15th)</td>
<td>1.500€</td>
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<tr>
<td>Symposium &amp; Hands on - Late Registration fee</td>
<td>1.800€</td>
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Symposium Registration fee includes: access to the scientific sessions, lunch, coffee breaks, course materials and certificate of attendance.

Symposium & Hands-on Registration fee includes: access to the scientific sessions and hands-on sessions, lunches, coffee breaks, course materials and certificate of attendance.

Registrations must be made through the website www.fetalsymbcn.com/

Cancellations made before 1st January, will be refunded 85% of the registration fee. After that date, no refund will be made.

ABSTRACT SUBMISSION
Abstracts can be sent for presentation in the Course. You can send your communications to fetalsurgery@vhebron.net.

VENUE
Conference room – Pabellón Docente 1st floor
Hospital Universitari Vall d’Hebron
Paseo Vall d’Hebron, 119 – 129
Barcelona (Spain)