

# 1st Fetal Surgery Symposium

and hands on course

Vall d'Hebron Barcelona Hospital Campus

BARCELONA  
23, 24 y 25  
de marzo  
de 2020

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www.fetalsymbcn.com

## March 23-25<sup>th</sup>, 2020

Organized by

**Fetal Surgery Program**

Vall d'Hebron Barcelona Hospital Campus,

**Barcelona**

In Collaboration with

Hospital Garrahan, Buenos Aires

## Objectives:

### Symposium:

1. Deep discussion in all relevant areas of Fetal Surgery
2. Meet the experts in every field
3. Explore new insights of Fetal Therapy for the future
4. Case discussion and free oral presentations

### Hands On course:

1. Introduction to ultrasound guided procedures
2. Introduction to fetoscopy
3. Active practice of advanced procedures in our simulators
4. Active practice in fetal procedures in pregnant sheep

### Fees:

**Symposium only** → 300 Euros

**Symposium & Hands On course\*** →  
1500 Euros

\*Hands On course has a maximum of **16 participants**. If the number is exceeded a 2<sup>nd</sup> Hands On course will take place on March 26-27<sup>th</sup> 2020 for those interested.

### Venue:

**Vall d'Hebron Barcelona Hospital Campus**

Av de la Vall d'Hebron 119-129  
Barcelona – Spain

**Language:** English

**Dress:** Casual

Original contributions on any aspects of Fetal Surgery are welcome as short oral presentations.

### Abstract submission deadline:

November 30<sup>th</sup>, 2019  
fetalsurgery@vhebron.net

**Registration will open in September 2019. To Pre-reserve your place in the Hands On course, please contact:**

**[fetalsurgery@vhebron.net](mailto:fetalsurgery@vhebron.net)**

All benefits from this event will  
be used for the Research in  
Spina Bifida

## Tentative International Faculty

Marcela Bailez  
Michael Belfort  
Hsien Chen Yang  
Jan Deprest  
Alan W Flake  
Savino Gil Pugliese  
Michael Harrison  
Jack Jani  
Jean-Marie Jouannic  
Liesbeth Lewi  
Foong-Yen Lim  
K.H. Nicolaidis  
José Luís Peiró  
Rodrigo Ruano  
Wayne Tworetzky

## Local Faculty

Sílvia Arévalo  
Elena Carreras  
Ampar Cuxart  
Marielle Esteves  
Queralt Ferrer  
Carles Giné  
Ana Laín  
Manuel López  
Nerea Maiz  
Susana Manrique  
José Andrés Molino  
Montse Pascual  
Carlota Rodó  
Cèsar Ruiz  
Francisco Soldado  
Élida Vázquez

# Symposium – Preliminary Program

**23 March 2020**

**08:00-08:30h** Open registration  
**08:30-08:45h** Welcome Opening

**08:45-09:00h** Multidisciplinary team. A Village People

## Session 1

**09:00-09:20h** Monochorionic Twins  
**09:30-09:50h** EXIT procedure  
**10:00-10:20h** Thoracic surgery

## Session 2.

**11:00-11:20h** CDH (FETO)  
**11:30-11:50h** Cardiac Surgery  
**12:00-12:20h** Amniotic Band (fetoscopic release)  
**12:30-13:00h** Complex cases and free communications

## Session 3.

**14:30-14:50h** LUTO (vesicoamniotic shunting/Laser ablation)  
**15:00-15:20h** Sacrococcygeal Teratoma  
**15:30-15:50h** Animal models  
**16:00-17:00h** Complex cases and free communications

**24 March 2020**

## Session 4.

**08:00-10:30h** Neural Tube Defects  
**08:00-08:30h** Prenatal Diagnosis  
**08:30-09:30h** Surgical Technique  
**09:30-09:50h** Intra and postoperative care  
**10:00-10:30h** Evidence based indications/results – Round table

## Session 5

**11:00-11:20h** The neonatologists point of view  
**11:30-11:50h** Artificial Placenta)  
**12:00-12:20h** Future in fetal surgery  
  
**12:30-12:50h** Closing remarks

# Hands On

## Faculty:

*Manuel López, Elena Carreras, Sílvia Arévalo, Nerea Maiz, Carlota Rodó, Savino Gil Pugliese, Carles Giné, Andrés Molino, Ana Laín, Marcela Bailez, Hsien Chen Yang*

**24 March 2020 – 15:00-19:00h**

### **Ultrasound guided punctions (in-animated models) → 2 stations**

- Set up. Materials and instruments
- Amniocentesis. Cordocentesis
- Fetal anesthesia
- Thoracoamniotic shunting

### **Basics in Fetoscopy (in-animated models) → 2 stations**

- Set up. Materials and instruments
- Seldinger technique
- Get used to the fetoscope

**25 March 2020 – 9:00-13:00h & 15:00-19:00h**

### **Advanced Fetoscopy (In-animated models) → 2 stations**

- Uterine exploration: fetal and placental exploration
- Vascular anastomosis: recognition and Ecuador finding
- Recognition of amniotic bands
- Laser therapy

### **Neural Tube Defects Station (In-animated models) → 2 stations**

### **Simulation in animals → 4 stations**

- Tracheal occlusion in CDH
- Amniotic band release
- TTTS – Twin to twin transfusion syndrome
- Creating animal models:
  - Congenital diaphragmatic hernia
  - Myelomeningocele

**Participants: 16**

There will be an **extra station** to improve technical skills in **suture in small spaces** for those participants with limited experience in this technique ruled by **Prof. Marcela Bailez**

Places are limited. In case of overbooking there is a waiting list and the possibility of re-launch **a 2nd Hands On course in March 26-27th 2020** for those interested.

For further information, please contact:

**[fetalsurgery@vhebron.net](mailto:fetalsurgery@vhebron.net)**