

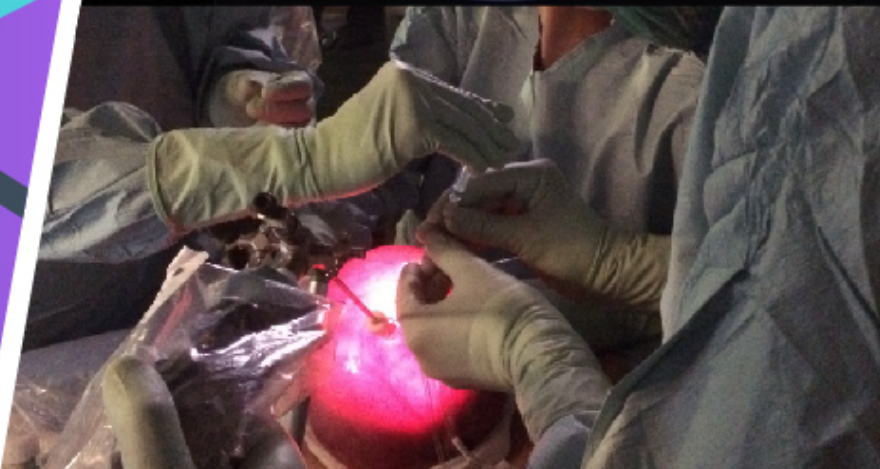
1st Fetal Surgery Symposium

and hands on course

Vall d'Hebron Barcelona Hospital Campus
BARCELONA 2020

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

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www.fetalsymbcn.com

1st FETAL SURGERY SIMPOSIUM

23th, 24th & 25th march 2020

BARCELONA

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.

ORGANIZING COMMITTEE

Dr. Elena Carreras

Head of Obstetrics Department

Dr. Manuel López

Head of Pediatric Surgery Department

Dr. Sílvia Arévalo

Maternal-Fetal Medicine Unit

Dr. Carlota Rodó

Maternal-Fetal Medicine Unit

Dr. Nerea Maiz

Maternal-Fetal Medicine Unit

Dr. Carlos Giné

Fetal and Fetoscopic Surgery Unit

INTERNATIONAL FACULTY

Denise Araujo Lapa

Marcela Bailez

Hsien Chen Yang

Anna David

Jan Deprest

Ferdinand Dhombres

Alan W Flake

Savino Gil Pugliese

Jack Jani

Jean-Marie Jouannic

Liesbeth Lewi

José Luís Peiró

Rodrigo Ruano

Magdalena Sanz Cortés

Wayne Tworetzky

NATIONAL FACULTY

Elena Carreras

Manuel López

Sílvia Arévalo

Ana Laín

Carlota Rodó

Queralt Ferrer

Francisco Soldado

Marielle Esteves

Carles Giné

Susana Manrique

Nerea Maiz

José Andrés Molino

Cèsar Ruiz

Montse Pascual

Ampar Cuxart

Élida Vázquez

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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. JL. 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

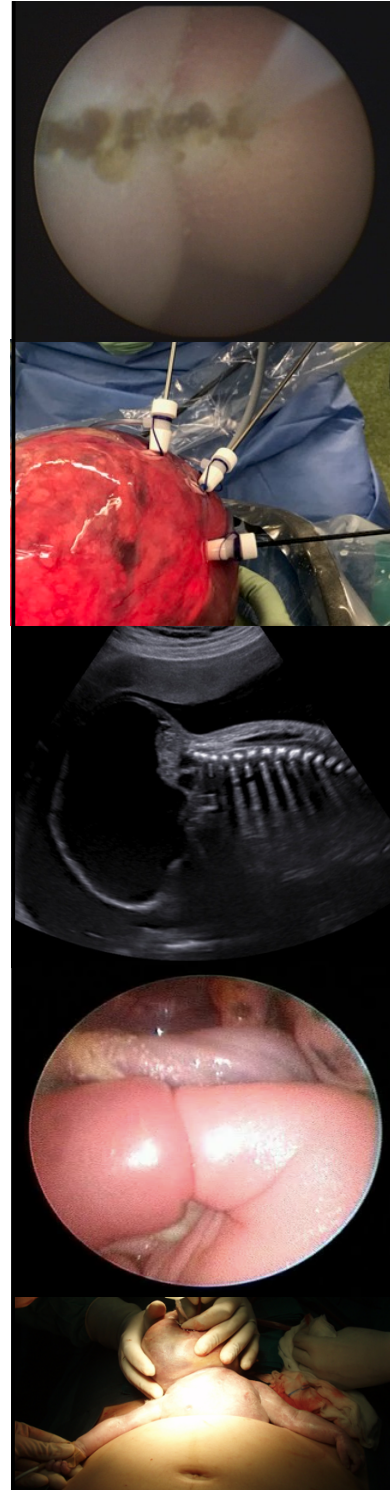
SESSION 2. Discussants: *Dr. J. Jani, Dr. R. Ruano*

- 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. JL. Peiró*
15:30-15:50h Animal models. *Dr. M. Esteves*
16:00-17:00h Complex cases and free communications



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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. Arévalo*

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

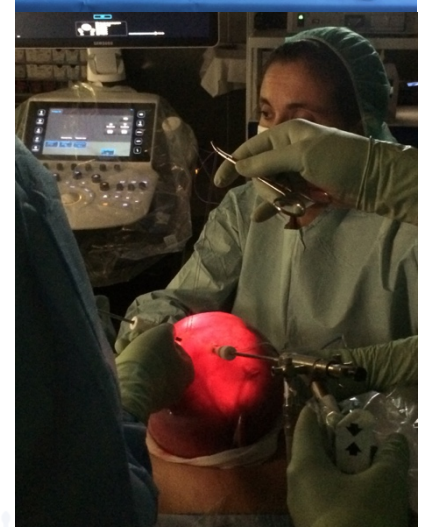
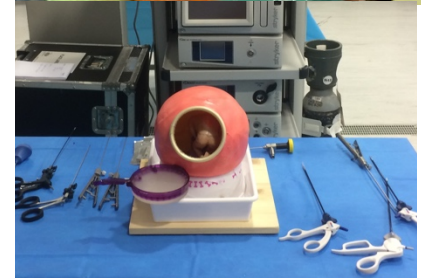
SESSION 5. Discussants: Dr. C. Giné, Dr. A. David

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**

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, Rodrigo Maluje y Pablo García-Manau.

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

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

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**

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, Rodrigo Maluje y Pablo García-Manau.

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

Symposium - Early bird fee (until January 15 th)	300€
Symposium -Late Registration fee	400€
Symposium & Hands on (until January 15 th)	1.500€
Symposium & Hands on -Late Registration fee	1.800€

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)

