



### INANIMATE MODELS FOR TRAINING

Esophageal atresia,  
duodenal atresia, choledochal cyst,  
diaphragmatic hernia, pulmonary  
left lower lobectomy

### ORGANIZATION

PEDIATRIC SURGERY DEPARTMENT  
AND POSTGRADUATE MEDICAL  
EDUCATION DEPARTMENT  
Hospital Universitario Son Espases,  
Palma, Spain  
SURGICAL SIMULATION CENTER  
(CESIM)  
Hospital Infantil Garrahan,  
Buenos Aires, Argentina

### REGISTRATION

*Course fee: 950€*  
Send email with the desired  
dates to: [hse.formacio1@ssib.es](mailto:hse.formacio1@ssib.es)

*Languages:* Spanish / English

*Attendants:* 10 per course



# HANDS on COURSE for NEONATAL MINIMAL INVASIVE SURGERY TRAINING

3rd COURSE  
28-29

**MAY 2020**

HOSPITAL UNIVERSITARIO SON ESPASES

PALMA (BALEARES)



## OUTLINE

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Hands-on course for pediatric surgeons who already have basic skills in laparoscopic surgery. The course offers training in several inanimate models of congenital malformations, giving the trainee the possibility of practicing surgical strategies, dissection and suture in small-volume models.

## FACULTY

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**Dra. María Marcela Bailez.** Course Director. Pediatric surgeon. Director of the Surgery Department and Surgical Simulation Center –CeSim-, Pediatric Hospital Garrahan. Buenos Aires. Argentina.

**Dr. Maximiliano Maricic.** Pediatric surgeon. Pediatric Hospital Pedro de Elizalde. Coordinator of the CeSim. Buenos Aires. Argentina.

**Dra. Claudia Marhuenda Irastorza.** Pediatric surgeon. Chair of the Pediatric Surgical Department. University Hospital Son Espases. Palma de Mallorca. Spain

**Dr. Luciano Perri.** Pediatric surgeon. University Hospital Son Espases. Palma de Mallorca. Spain

## PROGRAM

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### DAY 1

*Models:* esophageal atresia and tracheoesophageal fistula (EA/TEF), diaphragmatic hernia (DH), left lower pulmonary lobectomy (LIL)

**08.00 h** Welcoming - Participants and Faculty introduction

**08.15 h** Lecture: The ABC for neonatal thoracoscopy – Ergonomics – Instruments – Port placement – Suture

**08.30 h** Practice in trainers - Suture assessment (All stations)

**09.00 h** MIS suturing Gym & Warming up. Practice and reinforce suture in small spaces (All stations)

**10.00 h** Break

**10.15 h** Lecture: Tips and tricks for Thoracoscopic EA/TEF and DH repair

**10.30 h** Presentation of the EA/TEF and DH models

**10.40 h** Practice in trainers. Three stations EA/TEF and 2 DH (2 participants per station)

**12.15 h** *Debriefing*

**12.30 h** Lunch

**13.30 h** Practice in trainers. Switch stations EA/TEF and DH (2 participants per station)

**15.00 h** Lecture: Tips and tricks for thoracoscopic lobectomies

**15.25 h** Presentation of the left lower lobectomy model

**15.30 h** Practice in trainers. Lobectomy all stations

**17.00 h** *Debriefing*

**17.30 h** Closing discussion

### DAY 2

*Models:* hepato-jejunostomy (HJ), duodenal atresia (DA), esophageal atresia (EA/TEF), diaphragmatic hernia (DH) and lobectomy (LIL)

**08.00 h** Lecture: The ABC for neonatal laparoscopy - Ergonomics - Port placements - Suture

**08.15 h** Presentation of the duodenal atresia (DA) and hepaticojejunostomy model (HJ)

**08.30 h** Practice in trainers. Two stations DA, 2 HJ and 1 EA/TEF or DH

**10.00 h** *Debriefing*

**10.30 h** Break

**11.00 h** Practice in trainers. Switch models DA, HJ and EA/TEF or DH

**12.30 h** *Debriefing*

**12.45 h** Lunch

**13.45 h** Practice in trainers – All models

**17.00 h** *Debriefing – Course closing*

**19.00 h** Dinner