

Practical course aimed at pediatric surgeons and urologists with basic laparoscopic experience. This course offers several inanimate models and models with ex vivo tissue of urological pathologies in which students can train the surgical strategy in each pathology as well as their suture and knotting skills.

### ORGANIZATION

Pediatric Surgery Department  
and Postgraduate Medical  
Education Department  
**Son Espases University Hospital. Spain**

Surgical Simulation Center (Cesim)  
**Garrahan Children's Hospital. 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: 12 per course



# HANDS-ON PEDIATRIC LAPAROSCOPIC UROLOGY

**1ST AND 2ND OF JUNE**

**SON ESPASES UNIVERSITY HOSPITAL  
MALLORCA (SPAIN)**



08.00 am Delivery of documentation and welcome of the participants.  
Course Presentation

#### 08.15 am THEORETICAL TALKS

- "ABC" of Minimally Invasive Surgery in urology
- Suture Art in Small Spaces
- Presentation of the Models to be used.

09.30 am Coffee break

#### 10.00 pm PRACTICE IN MODELS

- Suture Assessment. All stations
- Knot Gym

12.30 pm Lunch

#### 13.00 pm THEORETICAL TALKS

- Laparoscopic pyeloplasty. Technical tricks. Results checking
- Vesicoureteral reimplantation due to minimal invasion

#### 14.00 pm PRACTICE IN SIMULATORS

- Stations 1, 2, and 3 (individual): Trainer for precision exercises, cutting, needle and extracorporeal and intracorporeal sutures
- Stations 4, 5, and 6 (individual): Trainer with vascular seal and extracorporeal node in kidneys (ex vivo)
- Station 7 (in pairs): Uretero-uretero anastomosis
- Station 8 (in pairs): Vesicoureteral / Mitrofanoff Replant
- Station 9 (in pairs): Pyeloplasty

17.00 pm Rest. Coffee and others

17.15 pm Debriefing  
and closing discussion

#### MODELS USED

Assessment simulator.  
Gym Simulator (square knot, sliding knot, continuous suture). Model with renal ex-vivo tissue (renal pedicle devascularization).  
Pyeloureteral stenosis (UPE) "3D printed model".  
Hybrid model (uretero-uretero anastomosis, vesicoureteral reimplantation, Mitrofanoff).  
Model with ex-vivo tissue (nephroureterectomy, vesicoureteral reimplantation, Mitrofanoff).

#### 08.00 am THEORETICAL TALKS

- Trans-laparoscopic nephrectomy. Indications and technique
- Laparoscopic Mitrofanoff
- Role of laparoscopy in the treatment of gonads in DSD and in poorly descended testis

09.00 am PRACTICE IN SIMULATORS [(6 stations in pairs with inanimate and hybrid models (ex vivo tissue). Uretero-uretero anastomosis, vesicoureteral reimplantation, Mitrofanoff, pyeloplasty, and nephrectomy.

12.00 pm Debriefing

12.15 pm Lunch

13.00 pm PRACTICE IN SIMULATORS [(6 stations in pairs with inanimate and hybrid models (ex vivo tissue). Uretero-uretero anastomosis, vesicoureteral

16.00 pm Debriefing and closing discussion

#### TEACHERS

- Dr Maria Marcela Bailez. Pediatric Surgery Service. Director of the surgical department and director of the CeSim Surgical Simulation Center. Garrahan Children's Hospital. Buenos Aires, Argentina.
- Dr Maximiliano Maricic. Pediatric Surgeon. Pedro de Elizalde Pediatric Hospital, Buenos Aires, Argentina. Coordinator of the CeSim Surgical Simulation Center.
- Dr Javier Ruiz. Pediatric Surgeon. Pediatric Urologist and Pediatric Kidney Transplant. Garrahan Children's Hospital. Buenos Aires, Argentina.
- Dr Blanca Estors Sastre. Pediatric Surgeon. Pediatric urologist. Son Espases University Hospital.
- Dr Claudia Marhuenda Irastorza. Head of the Department of Pediatric Surgery. Son Espases University Hospital.
- Dr Luciano Perri. Pediatric Surgeon. Son Espases University Hospital.

#### SCRUB NURSES

- Sandra Rabadan Orduña and Pedro Fiol Borrás. Operating room nurse. Son Espases University Hospital.