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Admittance: titles and exam

Participants number: max 10

Admission fee: 1.000 euro

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ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
SCHOOL OF MEDICINE

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Società Italiana di  
Chirurgia Pediatrica



# Master on Pediatric Urology: contemporary strategies from fetal life to adolescence

Bologna - Italy

September 18-19, 2017

January 29-30, 2018

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September 19, 2018

Department of Pediatric Surgery  
Bologna University  
Minimally Invasive  
and Robotic Pediatric Surgery Center  
Chair: Mario Lima  
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# Master Topics

## I SESSION

- Embryology of kidney and urinary tract
- Functional aspects of upper and lower urinary tract
- Prenatal diagnosis of urinary malformations
- Imaging of the urinary system
- Anatomy of kidney, urinary tract and abnormalities of number, position and shape of the kidney
- Personalized Medicine in kidney and urinary tract malformations
- Surgical treatment of horseshoe kidney: indications and techniques
- Multicystic Kidney and Renal Cysts
- Urolithiasis
- Minimally invasive nephrectomy and partial nephrectomy
- Acute and chronic renal failure
- Peritoneal dialysis
- Wilms Tumor
- Other renal tumors

## II SESSION

- Management of prenatal hydronephrosis
- Open Pyeloplasty
- Laparoscopic Pyeloplasty
- One Trocar Assisted Pyeloplasty
- Robot-assisted Pyeloplasty
- Intrinsic and extrinsic intermediate ureteral obstructions
- Duplex urinary system
- Ureterocele
- Ureterovesical junction obstruction
- Management of Vesico-ureteral Reflux: indications for conservative or surgical treatment
- Bulking agents injection in VUR
- Cohen procedure: technical details
- Laparoscopic repair of VUR
- Pneumovesicoscopic ureteral reimplantation
- Robot-assisted vesicoureteral reimplantation

## III SESSION

- Urachal remnants: diagnosis and treatment
- Bladder diverticula
- Bladder Extrophy epispadias complex in females
- Bladder Extrophy epispadias complex in males
- Cloacal extrophy complex
- Neurogenic bladder: functional aspects
- Urodynamics
- LUTS (lower urinary tract symptoms)
- Nocturnal enuresis
- Surgical treatment of urinary incontinence
- Bladder augmentation
- Urinary diversion
- Bladder tumors in children
- Renal transplant: indications
- Renal transplant: technical details

## IV SESSION

- Posterior urethral valves
- Urethral duplications: anatomical and functional aspects
- Urethral duplications: surgical management
- Hypospadias: pathogenesis and surgical anatomy
- Distal hypospadias: surgical techniques
- Proximal hypospadias: surgical techniques
- Cryptorchidism
- Varicocele
- Disorders of Sex Development: pathogenesis classification and management
- Mullerian remnants
- Developmental anomalies of uterovaginal canal
- Surgical treatment of urogenital sinus
- Vaginal replacement