

DESCRIPTION

The Master offers a learning course focusing on the acquisition and fine-tuning of clinical and surgical skills in the management and treatment of urologic and genital pathologies linked to pediatric malformations, with specific reference to traditional, minimally invasive and robotic reconstructive and demolition techniques.

The recipients are graduates in Medicine and Surgery with specialization in pediatric surgery, who are interested in further exploring the management of urogenital pathologies (prenatal diagnosis, clinical diagnosis, traditional and minimally invasive surgical treatment) for pediatric patients.

CONTACTS

SCIENTIFIC SECRETARIAT

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SUMMARY

ACADEMIC YEAR

2019 / 2020

DIRECTOR

Prof. Mario Lima

PERIOD OF PROGRAM

November 2019 - June 2020

LANGUAGE

English / Italian

LAYOUT

4 sessions of theoretical lessons

Practical activity at Pediatric Surgery Unit,
S.Orsola Hospital

LEARNING ASSESSMENT

Test, final examination

ADMISSION FEE

1.000 € (in two installments)

AVAILABLE PLACES

10

PROGRAMME INFORMATION

www.unibo.it > Teaching > Professional masters
> 2019-2020 > Pediatric Urology contemporary
strategies from fetal life to adolescence

WEBSITE

www.miscbo.it



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



2nd Level Master Program

PEDIATRIC UROLOGY: CONTEMPORARY STRATEGIES FROM FETAL LIFE TO ADOLESCENCE

Department of Pediatric Surgery
University of Bologna
Minimally Invasive and Robotic Pediatric Surgery Center
S.Orsola Hospital
Via G. Massarenti 11, Bologna

PROGRAM

1st Session (November 26-27, 2019)

2nd Session (January 27-28, 2020)

3rd Session (April 20-21, 2020)

4th Session (June 8-9, 2020)

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 (OTAP)
- 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 procedures: 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 and 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
- Müllerian remnants
- Developmental anomalies of uterovaginal canal
- Surgical treatment of urogenital sinus
- Vaginal replacement

FACULTY

Piero Bagolan, *Roma*
Francois Becmeur, *Strasbourg*
Thomas Blanc, *Paris*
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