

ADVANCED HANDS-ON WORKSHOP IN HYPOSPADIAS REPAIR

13-14 October (2 days)
American CME

SCIENTIFIC PROGRAMME

1 PENILE ANATOMY

What Every Advanced Surgeon Must Know

- Chromosomal, Gonadal & Phenotypic Sex
- Embryology of Sexual Differentiation
- Hormonal Control of Development

2 DISTAL HYPOSPADIAS (TIP Urethroplasty)

- Tubularized Incised Plate (TIP) urethroplasty steps
- GAP (Glans Approximation Procedure)
- Urethra reconstruction

3 DECISION MAKING

Choosing the right technique for the right patient

- Initial assessment
- Technique options
- Multidisciplinary decision making
- Patient expectations

4 PROXIMAL & REOPERATIVE

Photo-realistic Byars and Tunica Vaginalis flaps on model

- Onlay Flaps
- Bracka Repair (Two-stage) steps
- Flap mobilization

5 COMPLICATION MANAGEMENT

- Fistula prevention & repair
- Meatal stenosis management
- Skin complications

6 COMPLEX CHALLENGES

Crippled Hypospadias

- Management of "crippled hypospadias"
- Chordee correction strategies

PANEL DISCUSSION: CASE-BASED “NIGHTMARE” SESSIONS

Interactive discussion and Video Masterclasses on complex cases, emphasizing steps and outcome optimization.

Roles: SURGICAL LEAD | UROLOGIST | ACADEMIC

HANDS-ON WORKSHOP STATIONS

STATION 1: DRY LAB SIMULATION

Synthetic Model Urethroplasty

- Model use
- Catheterization
- Plate incision and tubularization
- 6-0 or 7-0 absorbable sutures

STATION 2: BIOLOGICAL TISSUE LAB

Biological Tissue Simulation

- Byars flap mobilization
- Vascularized tunica vaginalis flap harvesting
- Organic materials for skin elasticity
- Prevent fistulas

STATION 3: MICRO-SUTURING

Micro-Suturing under Magnification

- Suturing with loupes/microscope
- Hand-eye coordination
- Water-tight mucosal apposition
- Avoid strangulation

STATION 4: CHORDEE & GLANULOPLASTY

Chordee Correction & Glanuloplasty

- Artificial erection simulation
- Curvature correction (Nesbit/lengthening)
- Deep Wings mobilization
- Slit-like aesthetics

WORKSHOP DETAILS

Learning Objectives

- Master techniques, improve coordination, manage complications
- Target conditions, and contraindications

Target Audience

- Advanced Trainees, Registrars, Lecturers

Event Details

Location: LRC

Date: October 2026