



## ENTRY project workshop: Urological cadaver lab and simulation-based training

22 giugno 2022

5553 - 350674 ed. 1

C/o Humanitas University, Via Rita Levi Montalcini 4, 20072 Pieve Emanuele (mi)

### RAZIONALE:

A complete urology training programme must embrace multiple requirements to produce competent, skilled and trained urologists. The new generation of young urologist is prone to more drawbacks from the operating room than ever, as more complex and minimally invasive procedures are being introduced. Indeed, the increasing uptake of new technologies and minimally invasive procedures in surgery has been associated with prolonged learning curves. This has become more critical during the COVID-19 pandemic, due to the dramatic slowdown of urology residents' learning curve. Standardized surgical survey for all European countries confirmed that surgical exposure of European urologists for invasive procedures, confidence in performing these procedures, and overall satisfaction with training is low. Together with the ethical concerns about training on patients and the demands imposed by a zero-complication ethos expected by patients, this has pushed surgical trainers to challenge their training paradigms and apprenticeship model.

All these reasons have prompted exploration of alternatives to learning in the operating room. With influences from the military and aviation industries, which heavily depend on simulation-based training, there has been widespread adoption of surgical simulation. Recent evidence showed that this strategy enhances progression at least along the initial phase of the learning curve. Effective simulation can provide safe and controlled environments outside of the OR in which young urologists can acquire novel surgical skills without endangering patient safety.

### PROGRAMME:

07.45 Registrations

*Creation of 4 different working groups that will parallelly perform different urologic procedures*

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|----------------------|---|
| <b>08.00 – 08.15</b> | <b>Procedure Performing: Circumcision</b><br><i>Tutors: N. Buffi / G. Lughezzani / O. Sedigh / S. Barra / G. Taverna / M. Seveso / M. Casale</i>  |
| <b>08.15 – 08.55</b> | <b>Procedure Performing:</b><br><b>Resection + eversion of tunica vaginalis, Right/left testis, scrotal incision</b><br><i>Tutors: N. Buffi / G. Lughezzani / O. Sedigh / S. Barra / G. Taverna / M. Seveso / M. Casale</i> |
| <b>08.55 – 09.35</b> | <b>Procedure Performing:</b><br><b>Left/right varicolectomy + orchiectomy (inguinal incision)</b><br><i>Tutors: N. Buffi / G. Lughezzani / O. Sedigh / S. Barra / G. Taverna / M. Seveso / M. Casale</i>                    |
| <b>09:35 – 09:45</b> | <i>Brief Pause for procedure switching</i>  |

- 09.45 – 12.30**      **Procedure Performing:**  
**Diagnostic cystoscopy, Ureteral stenting, Ureterorenoscopy, Nephrostomy**  
*Tutors: N. Buffi / G. Lughezzani / O. Sedigh / S. Barra / G. Taverna / M. Seveso / M. Casale*
- 12.30 – 13.30**      **Round Table: the current management of the patient with oligometastatic prostate cancer.**
1. The oncologist's point of view  
*P. Zucali*
  2. The point of view of the radiotherapist  
*M. Scorsetti / C. Franzese*
  3. The urologist's point of view  
*N. Buffi / G. Lughezzani*
- 13.30 – 17.00**      **Procedures Performing:**  
**Trocar placement, TURP, TURBT, Anastomosis I and II, Urethral neck incision, Bladder drop, Endopelvic fascia anastomosi, PLND, PCNL, Nephrostomy**  
*Tutors: N. Buffi / G. Lughezzani / O. Sedigh / S. Barra / G. Taverna / M. Seveso / M. Casale*
- 17.00 – 17.10      *Brief Pause for procedure switching*
- 17.10 - 19.20**      **Procedures Performing: Trocar placement, Assistant, Tumor exposure, Ileum + Resection + renorrhaphy, Gerota closure, Additional tasks**  
*Tutors: N. Buffi / G. Lughezzani / O. Sedigh / S. Barra / G. Taverna / M. Seveso / M. Casale*
- 19.20    Test di Valutazione

**ACRONYMS**

TURP: TransUrethral Resection of the Prostate

TURBT: Transurethral Resection Bladder Tumor

PLND: Pelvic Lymph Node Dissection

PCNL: Laparoscopy-assisted percutaneous nephrolithotomy

**DESTINATARI:**

n. 30 – Medico Chirurgo – urologia

**FACULTY :**

<b>Nome Cognome</b>	<b>Laurea</b>	<b>Specializzazione</b>	<b>Affiliazione</b>	<b>Città</b>
NICOLO BUFFI	Medicina	Urologia	Direttore della Scuola di Specializzazione in Urologia, Humanitas University. Professore Associato (MED 24). Aiuto presso il Dipartimento di Urologia di Humanitas Research Hospital	Rozzano, MI
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MAURO CASALE	Medicina	Urologia	Responsabile Unità Operativa di Urologia Humanitas Research Hospital	Rozzano, MI
PAOLO ZUCALI	Medicina	Oncologia	Professore Associato Capo Sezione Oncologia del tratto genitourinario e tumori rari del torace, UO Oncologia Medica ed Ematologia, Humanitas Humanitas Research Hospital	Rozzano, MI
MARTA SCORSETTI	Medicina	Radioterapia	Direttore della Scuola di Specializzazione di Radioterapia, Humanitas University, Responsabile	Rozzano, MI



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