

# DANILO BOTTERO

10 settembre 1962  
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## WORK EXPERIENCE

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|-------------------------------|--|
| <b>01/07/2015 – Today</b>     | <b>Senior Deputy Director of the Department of Urology, High Specialization</b><br>European Institute of Oncology (IEO), Milan<br>Via Ripamonti 435 – 20141 Milano |
| <b>1/01/2015 – 30/6/2015</b>  | <b>Senior Deputy Director of the Department of Urology</b><br>European Institute of Oncology (IEO), Milan<br>Via Ripamonti 435 – 20141 Milano                      |
| <b>3/10/2011 – 31/12/2014</b> | <b>Deputy Director of the Department of Urology</b><br>European Institute of Oncology (IEO), Milan<br>Via Ripamonti 435 – 20141 Milano                             |
| <b>15/10/2007 – 2/11/2011</b> | <b>Assistant Director of the Urology division</b><br>S.S. Antonio e Biagio Hospital, Alessandria<br>Via Venezia 16 -15121 Alessandria.                             |
| <b>1/11/2003 - 31/10/2007</b> | <b>Director of the Urology Unit</b><br>Nuova Casa di Cura Città di Alessandria srl, Alessandria<br>Via Venezia 16 -15121 Alessandria.                              |
| <b>1/1/1994 – 23/1/2003</b>   | <b>Assistant Director of the Urology division</b><br>Azienda Ospedaliera Universitaria San Martino, Genova<br>Largo Rossana Benzi, 10 - 16132 Genova               |

## **EDUCATION AND TRAINING**

- |                    |   |
|--------------------|---|
| <b>2009 - 2010</b> | <b>Second-Level Professional Master in “Reproductive Medicine”</b><br>University of Padova, Italy   |
| <b>1992</b>        | <b>Master's Degree in Urology</b><br>Urology Department of the Università degli Studi di Genova- Italy <ul style="list-style-type: none"><li>▪ Final score: 50/50</li><li>▪ Thesis: The Neurological Bladder – Urodynamic Evaluation</li></ul>  |
| <b>01/11/ 87</b>   | Passed the Italian National examination to become a licensed medical practitioner and joined the Board of Physicians of Alessandria in 2/19/1988 (identification number 03573)  |
| <b>11/09/87</b>    | <b>Degree in Medicine and Surgery</b><br>Medical School of the University of Genova, Italy <ul style="list-style-type: none"><li>▪ Final Score: 110/110 cum magna laude</li><li>▪ Experimental Thesis: Evaluation of the tumoral proliferative activity, through the TLI technique (Thymidine Labelling Index).</li><li>▪ The thesis was awarded the “G.Ravasini” prize by the SIU of Florence (1988)</li></ul> |

## **EDUCATIONAL ACTIVITIES**

- 2015 - Today Professor on contract at the Università degli Studi di Milano for the Faculty of Urology
- Proctor for robotic Uro-oncological surgery for AB MEDICA in various national and international Hospitals such as Azienda Ospedaliera Universitaria of Catania (Italy) e Univerzitetni klinicni center Ljubljana(Slo)

## **MEMBERSHIPS - PROFESSIONAL ASSOCIATIONS AND SCIENTIFIC SOCIETIES**

- Member of the Board of Physicians since 19/02/1988.
- Member of the Italian Society of Urology (SIU) since 2001
- Member of European Association of Urology (E.A.U) since 2010
- Member of the Associazione Italiana Urologi Ospedalieri (AURO) since 2003.

## PROCEDURES ATTAINED

03/10/2011 – Today

European Institute of Oncology, Milano:

2135 total procedures of which

1340 as first operator

597 procedures robotic – assisted da Vinci surgery (45%) as first operator

## Publications (last 5 years)

( H-Index 8; total citations 158)

- 1) Neoadjuvant chemotherapy for invasive bladder cancer: an interesting case report. Arch Ital Urol Androl. 2012 Sep;84(3):167-70.
- 2) Radiographic response associated to sunitinib rechallenge in metastatic renal cell carcinoma - Anticancer research 34: 2614-2615 (2014)
- 3) Oleate increases SIRT-1 expression in prostate cancer cells - Anticancer research 34: 2615-2616 (2014)
- 4) Stone formation from intravesical hem-o-lok clip migration after robot-assisted laparoscopic radical prostatectomy- Anticancer research 34: 2616 (2014)
- 5) Metabolic mechanism regulating prostate cancer cell malignant phenotype - Anticancer research 34: 2604-2605 (2014)
- 6) Virtue® Male Sling for post-prostatectomy stress incontinence: subjective and objective outcomes with 1-year follow-up years follow up – S.I.U. 2014
- 7) Fingerprinting of ultraconserved genomic regions (UCRs) in bladder cancer analysis reveals a UCR 8 at the top of a network between non-coding RNA and microRNA – Anticancer Research 34: 2608-2609 (2014)
- 8) Virtue® Male Sling for Stress Incontinence: Single Arm, Non-Randomized, Single-Center Clinical Study and 1-Year Follow-Up - A Series of 29 Patients- Urology 84 (4 Supplement 1), October 2014
- 9) Collins Loop En Bloc Resection (CLeBR) for Accurate Staging of Primary Non-Muscle Invasive Bladder Cancer: Early Experience- Urology 84 (4 Supplement 1), October 2014
- 10) Impact of a Dedicated Teaching Program on Quality Outcomes of White Light TURBT- Urology 84 (4 Supplement 1), October 2014
- 11) Is Second-Transurethral Resection Really Needed for T1 Bladder Cancer? Systematic Review, Metaanalysis of the Literature and of a Contemporary Cases Series. – Urology 84 (4 Supplement 1), October 2014
- 12) Active Surveillance Protocol NMIBC - Urology 84 (4 Supplement 1), October 2014
- 13) Radiotherapy in Prostate Cancer Patients With Pelvic Lymphocele After Surgery: Clinical and Dosimetric Data of 30 Patients. Clin Genitourin Cancer. 2015 Aug;13(4):e223-8. doi: 10.1016/j.clgc.2014.11.007. Epub 2014 Nov 20.
- 14) Prognostic accuracy of Prostate Health Index and urinary Prostate Cancer Antigen 3 in predicting pathologic features after radical prostatectomy. Urol Oncol. 2015 Apr;33(4):163.e15-23. doi: 10.1016/j.urolonc.2014.12.002. Epub 2015 Jan 6.
- 15) Improving the prediction of pathologic outcomes in patients undergoing radical prostatectomy: the value of prostate cancer antigen 3 (PCA3), prostate health index (phi)

- and sarcosine. *Anticancer Res.* 2015 Feb;35(2):1017-23.
- 16) Salvage radical prostatectomy after external beam radiation therapy: a systematic review of current approaches. *Urol Int.* 2015;94(4):373-82. doi: 10.1159/000371893. Epub 2015 Mar 4.
  - 17) Body mass index was associated with upstaging and upgrading in patients with low-risk prostate cancer who met the inclusion criteria for active surveillance. *Urol Oncol.* 2015 May;33(5):201.e1-8. doi: 10.1016/j.urolonc.2015.02.004. Epub 2015 Mar 16.
  - 18) Urotensin II receptor on preoperative biopsy is associated with upstaging and upgrading in prostate cancer. *Future Oncol.* 2015 Nov;11(22):3091-8. doi: 10.2217/fon.15.249. Epub 2015 Sep 18.
  - 19) Predicting Pathological Features at Radical Prostatectomy in Patients with Prostate Cancer Eligible for Active Surveillance by Multiparametric Magnetic Resonance Imaging. *PLoS One.* 2015 Oct 7;10(10):e0139696. doi: 10.1371/journal.pone.0139696. eCollection 2015.
  - 20) Modified Glasgow Prognostic Score is Associated With Risk of Recurrence in Bladder Cancer Patients After Radical Cystectomy: A Multicenter Experience. *Medicine (Baltimore).* 2015 Oct;94(42):e1861. doi: 10.1097/MD.0000000000001861.
  - 21) Multiparametric magnetic resonance imaging as a useful tool in planning of nerve sparing robotic assisted radical prostatectomy – *Eur Urology Suppl.* 2015; 14/2; e771
  - 22) Active Surveillance program in recurrent NMIBC – *The Journal of Urology* Vol.193, No. 4S, Supplement, Saturday, May 16, 2015
  - 23) Biomarkers in localized prostate cancer. *Future Oncol.* 2016 Feb;12(3):399-411. doi: 10.2217/fon.15.318. Epub 2016 Jan 15.
  - 24) Bladder preservation in non-metastatic muscle-invasive bladder cancer (MIBC): a single-institution experience. *Ecancermedalscience.* 2016 Jul 14;10:657. doi: 10.3332/ecancer.2016.657. eCollection 2016.
  - 25) The emerging role of obesity, diet and lipid metabolism in prostate cancer *Future Oncol.* 2017 Feb;13(3):285-293. doi: 10.2217/fon-2016-0217. Epub 2016 Sep 14
  - 26) Multiparametric magnetic resonance imaging and frozen-section analysis efficiently predict upgrading, upstaging, and extraprostatic extension in patients undergoing nerve-sparing robotic-assisted radical prostatectomy *Medicine (Baltimore).* 2016 Oct;95(40):e4519.
  - 27) Virtue male sling for post-prostatectomy stress incontinence: a prospective evaluation and mid-term outcomes. *BJU Int.* 2017 Mar;119(3):482-488. doi: 10.1111/bju.13672. Epub 2016 Nov 1
  - 28) Reliability of Frozen Section Examination in a Large Cohort of Testicular Masses: What Did We Learn? *Clin Genitourin Cancer.* 2017 Aug;15(4):e689-e696. doi: 10.1016/j.clgc.2017.01.012. Epub 2017 Feb 1.
  - 29) Outcomes of robot-assisted simple enucleation of renal masses: A single European center experience. *Medicine (Baltimore).* 2017 May;96(18):e6771. doi: 10.1097/MD.0000000000006771
  - 30) Robot-assisted Partial Nephrectomy: 5-yr Oncological Outcomes at a Single European Tertiary Cancer Center. *Eur Urol Focus.* 2017 Oct 27. pii: S2405-4569(17)30242-0. doi: 10.1016/j.euf.2017.10.005
  - 31) Meta-analysis of studies comparing oncologic outcomes of radical prostatectomy and brachytherapy for localized prostate cancer. *Ther Adv Urol.* 2017 Oct 9;9(11):241-250. doi: 10.1177/1756287217731449. eCollection 2017 Nov
  - 32) The Virtue European trial for urinary incontinence after prostatectomy: Intermediate 1-year outcomes March 2018 *European Urology Supplements* 17(2):e1652 DOI: 10.1016/S1569-9056(18)31993-6
  - 33) Long-term oncologic and functional outcomes after robot-assisted partial nephrectomy in elderly patients

Minerva Urol Nefrol. 2018 Sep 19. doi: 10.23736/S0393-2249.18.03006-0.]

34) Neutrophil, Platelets, and Eosinophil to Lymphocyte Ratios Predict Gleason Score Upgrading in Low-Risk Prostate Cancer Patients

Urol Int. 2018 Nov 8:1-8. doi: 10.1159/000494259

## **SPEAKER AT CONGRESSES**

- “Orientarsi nella gestione del paziente con DE” – SIA - Acqui Terme (AL), May 14, 2010
- School of Robotic Surgery: Advanced Course on Robot Assisted Radical Prostatectomy – European Institute of Technology, Milan on May 8<sup>th</sup>-9<sup>th</sup> 2014
- 1st Madrid Men’s Health Meeting – Madrid on March 20<sup>th</sup> 2015
- “Laparoscopic Radical Prostatectomy, 18 years, the age of majority (1997 – 2015)” – Vercelli, April 15<sup>th</sup>-17<sup>th</sup> 2015
- “Prostata ed Oltre” – European Institute of Technology; Milano, June 18<sup>th</sup>-19<sup>th</sup> 2015
- 15° National Congress IEA – Rome, February 25-27, 2016
- “65° Convegno SUNI –Società degli Urologi del Nord Italia, Milano May 13-14, 2016
- Uroleague “ chirurgia oncologica : dall’allargato al focale “ – Vercelli 26-27 settembre 2016
- 12° National Congress UROP- Milan May 29-31 2017