

## Curriculum Vitae



### □ **Personal data:**

**Name:** Hosny Mahmoud Ahmed Behnsawy.

**Birth date:** October, 27<sup>th</sup> 1974.

**Place of birth:** Assiut, Egypt.

**Nationality:** Egyptian.

**Marital state:** Married (and have 3 children).

### **Address:**

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### □ **Present occupation:**

- Lecturer- Urology Department- Assiut Urology and Nephrology center- Faculty of Medicine- Assiut University- Egypt.

### □ **Foreign Language and Computer Skills:**

- **English:** International Toefl test score 217 computer based test (equivalent to 553 paper based test) done on January 14<sup>th</sup>, 2006.
- **French:** 3 studying years (secondary years).
- **German:** basic background.
- **Japanese:** basic background.
- **ICDL (International Computer Driving License).**

**Academic Record:**

March 25 <sup>th</sup> , 2013	PHD Degree in urology and Uro-oncology from Department of Urology, Kobe Graduate School of Medicine –Kobe, Japan, with thesis titled “ <b>Expression Patterns of Epithelial-Mesenchymal Transition Markers in Localized Prostate Cancer: Significance in Clinicopathological Outcomes Following Radical Prostatectomy.</b> ”
June, 2011	Doctor Degree in Urology from Assiut University with thesis titled “ <b>Prediction and Detection of Recurrence of Superficial Bladder Cancer.</b> ”
December 2010	Open discussion and acceptance of thesis supplemented for partial fulfillment of the requirements of Doctor degree in Urology.
December 1 <sup>st</sup> , 2007 – March 31 <sup>st</sup> , 2010	Clinical and Research Fellow, Department of Urology, Kobe Graduate School of Medicine –Kobe, Japan.
Nov. 2004	Master Degree in Urology from Assiut University signed up "Very Good", with thesis titled " <b><i>Evaluation of tubularized incised urethral plate urethtoplasty for hypospadias repair.</i></b> "
June 2004	Open discussion and acceptance of thesis supplemented for partial fulfillment of the requirements of master degree in Urology, signed up with 98%.
April 2002	First part of master degree in Urology signed up with "Very Good" studying anatomy, physiology, biochemistry, histology, pharmacology, pathology, microbiology, and general surgery.
Sept. 1999	M.B.B.Ch. degree in medicine & surgery from Assiut University, Faculty of medicine, signed up "Very Good with honor", with total marks in the six studying years totaled 3896 out of 4600 and ranked the 14 <sup>th</sup> among all medical students.
1993	Graduated from High School.

### **Professional Record:**

July 24 <sup>th</sup> , 2011 – Up till Now	Lecturer, Department of Urology, Assiut Urology and Nephrology center, Assiut University-Egypt.
April 1 <sup>st</sup> , 2010 –March 25 <sup>th</sup> ,2013	PHD student, (Doctor course), Department of Urology, Kobe Graduate School of Medicine –Kobe, Japan.
December 1 <sup>st</sup> , 2007 – March 31 <sup>st</sup> ,2010	Clinical and Research Fellow, Department of Urology, Kobe Graduate School of Medicine –Kobe, Japan.
January 2 <sup>nd</sup> , 2005 – July 24 <sup>th</sup> , 2011	Assistant lecturer, Department of Urology, Assiut University-Egypt.
March 18 <sup>th</sup> , 2004 – January 2 <sup>nd</sup> , 2005	Demonstrator, Department of Urology, Assiut University- Egypt.
March 1 <sup>st</sup> , 2001 – February 28 <sup>th</sup> , 2004	Resident of Urology at Assiut University Hospital- Egypt.
March 1 <sup>st</sup> , 2000 – February 28 <sup>th</sup> , 2001	Internship Trainee at Assiut University Hospital- Egypt.

### **Duties (2004 – present):**

- Teaching under graduate medical students of 6<sup>th</sup> year of Assiut University clinical rounds and clinical skills.
- Teaching graduate students along the house officer- training program at our department.
- Teaching under graduate nursing students of 2<sup>nd</sup> year of Assiut University Faculty of Nursing.

- Helping in the achievement of goals of the residency program of training along the 3 years of residency.
- Helping in the research program held at our department with colleagues and professors.
- 24 hours duties (once a week) in emergency unit and in our department of Assiut University Hospital.
- Performing urodynamic study and other tests in the urodynamic unit for about 30 patients per month.
- Outpatient clinic of urology and uro-oncology (dealing with about 150 patients per month).
- Performing and assisting in radical cystectomies (once a week) in South Valley Oncology Institute, Assiut University and Uro-oncology Unit in Assiut Urology and Nephrology center.
- Ultrasound duties (once a week) at ultrasound unit of our department.
- ESWL duties (once a week) in ESWL unit of our department.
- Diagnostic Trans-Rectal ultrasound (TRUS) and TRUS-Guided biopsy.

## **Experience**

### **Clinical**

#### **Urology:**

- 1- All primary and advanced skills concerning diagnosis and management of urological emergencies.
- 2- Conducting most of conventional urologic operations including renal surgery (pyelolithotomy –nephrolithotomy – nephrectomy, radical nephrectomy, ureteric surgery (ureterolithotomy –resection reanastomosis of ureteric stricture – ureteric reimplantation, bladder surgery (cystolithotomy – cystectomy), prostate (transvesical prostatectomy), testicular surgery (orchiolysis & pexy -hydrocelectomy – varicocelectomy).
- 3- Performing most of endoscopic urologic procedures including kidney (Percutaneous nephrostomy), ureter (ureteric catheterization – endoscopic treatment of ureteric stones), bladder (litholapaxy – cystoscopy and TUR biopsy of bladder tumor, TURBT), urethra (visual internal urethrotomy – urethral stone management).

4- Performing laparoscopic operations: (diagnosis of undescended testis, laparoscopic Fowler-Stephens orchiopexy, laparoscopic orchiopexy and orcheidectomy, renal cyst deroofing, ureterolithotomy, varicocelectomy) and assisting staff members in other laparoscopic urologic procedures including lap partial and radical nephrectomy.

#### **Andrology:**

- 1- All primary and advanced skills concerning diagnosis and management of male genital emergencies.
- 2- Performing several operations including: circumcision, repair of penile fracture, and shunt operations for priapism.

#### **Ultrasound training:**

Basic background in genitourinary ultrasound including abdominal, transrectal, scrotal and urethral ultrasonography, dealing with about 30 patients per week.

#### **ESWL:**

Treatment of several renal and ureteral stones in ESWL unit, dealing with about 20 renal stones and 4 ureteral stones per month.

#### **Urodynamics:**

Performing urodynamic study and other tests in the urodynamic unit for about 30 patients per month.

#### **Pediatric Urology:**

Performing the various operations for hypospadias, epispadias and extrophy operations and sharing in it. Also performing various operations for VUR ,impalpable testis open and laparoscopic .

#### **Oncology:**

I am interested mainly in adrenal, renal, ureteral, bladder, prostatic and testicular tumors and their management. I performed and shared in many extirpative procedures in my institution.

I am also highly interested in clinical and basic research related to Genito-urinary oncology.

### **Endoscopy:**

This is my main interest; endourology and laparoscopic surgery.

## **List of Publications**

### **Books (Thesis):**

- 1- Hosny M. Behnsawy (M.Sc. Thesis entitled "Evaluation of tubularized incised urethral plate urethtoplasty for hypospadias repair.")
- 2- Hosny M. Behnsawy (Medical Doctorate Thesis entitled "Prediction and Detection of Recurrence of Superficial Bladder Cancer.")

### **Journal Publication:**

- 1- Behnsawy HM, Miyake H, Abdalla MA, Sayed MA, Ahmed Ael-F, Fujisawa M. Expression of cell cycle-associated proteins in non-muscle-invasive bladder cancer: Correlation with intravesical recurrence following transurethral resection. Urol Oncol. 2011 Sep-Oct;29(5):495-501. Epub 2009 Nov 13.
- 2- Behnsawy HM, Miyake H, Abdalla MA, Sayed MA, Ahmed Ael-F, Fujisawa M. Expression of integrin proteins in non-muscle-invasive bladder cancer: significance of intravesical recurrence after transurethral resection. BJU Int. 2011 Jan;107(2):240-6. doi: 10.1111/j.1464-410X.2010.09534.x. Epub 2010 Aug 24.
- 3- Kusuda Y, Miyake H, Behnsawy HM, Fukuhara T, Inoue TA, Fujisawa M. Prognostic prediction in patients with metastatic renal cell carcinoma treated with sorafenib based on expression levels of potential molecular markers in radical nephrectomy specimens. Urol Oncol. 2011 Mar 9.
- 4- Behnsawy HM, Miyake H, Kusuda Y, Fujisawa M. Small interfering RNA targeting heat shock protein 70 enhances chemosensitivity in human bladder cancer cells. Urol Oncol. 2011 Sep 1.
- 5- Meligy FY, Shigemura K, Behnsawy HM, Fujisawa M, Kawabata M, Shirakawa T. The efficiency of in vitro isolation and myogenic differentiation of MSCs derived from adipose connective tissue, bone marrow, and skeletal muscle tissue. In Vitro Cell Dev Biol Anim. 2012 Mar 7.

- 6- Behnsawy HM, Miyake H, Harada K and Fujisawa M: Expression patterns of epithelial-mesenchymal transition markers in localized prostate cancer: significance in clinicopathological outcomes following radical prostatectomy  
Journal: BJU International Accepted August 2012.
- 7- Behnsawy HM, Shigemura K, Meligy FY, Yamamichi F, Yamashita M, Haung WC, Li X, Miyake H, Tanaka K, Kawabata M, Shirakawa T, Fujisawa M.: Possible role of sonic hedgehog and epithelial-mesenchymal transition in renal cell cancer progression. Korean J Urol. 2013 Aug;54(8):547-54. doi: 10.4111/kju.2013.54.8.547. Epub 2013 Aug 7.
- 8- Kumano M, Miyake H, Abolghait SK, Behnsawy HM, Fujisawa M.:  $\beta$ 4-integrin-mediated cytotoxic activity of AexU in human prostate cancer PC3 cells. Oncol Lett. 2013 Nov;6(5):1482-1486. Epub 2013 Aug 23.
- 9- Muramaki M, Miyake H, Behnsawy HM, Furukawa J, Harada K, Fujisawa M.: Assessment of postoperative quality of life: comparative study between laparoscopic and minimum incision endoscopic radical prostatectomies. Int J Clin Oncol. 2014 Dec;19(6):1092-7. doi: 10.1007/s10147-013-0659-x. Epub 2013 Dec 27.
- 10- Ko YH, Miyake H, Behnsawy HM, Cheon J, Fujisawa M.: Limited significance of activated Akt-mammalian target of rapamycin signaling pathway in prostate cancer progression. Urol Int. 2014;93(2):146-51. doi: 10.1159/000356262. Epub 2014 Feb 20.
- 11- Yamamichi F, Shigemura K, Behnsawy HM, Meligy FY, Huang WC, Li X, Yamanaka K, Hanioka K, Miyake H, Tanaka K, Kawabata M, Shirakawa T, Fujisawa M.: Sonic hedgehog and androgen signaling in tumor and stromal compartments drives epithelial-mesenchymal transition in prostate cancer. Scand J Urol. 2014 Dec;48(6):523-32. doi: 10.3109/21681805.2014.898336. Epub 2014 Mar 19.
- 12- Miyake H, Behnsawy HM, Hinata N, Fujisawa M.: Objective Assessment of Residual Nerve Tissues in Radical Prostatectomy Specimens by Immunohistochemical Staining of Neuronal Nitric Oxide Synthase-positive Nerves and Its Impact on Postoperative Erectile Function. Urology. 2014 Dec;84(6):1395-401. doi: 10.1016/j.urology.2014.05.081.

### **Paper Presented at Conferences::**

- 1- Haisam A.S.Aly , Moustafa A.M. ElSharkawy , Yasser M. Abd ElSalam, Mohamed A. ElGammal , Hosny M. Behnasawy , Olaa M.Wahba. The Combined Role Of Local Periprostatic Nerve Block And Intrarectal Lidocaine Gel In Pain Reduction During Trans-Rectal Ultrasound-Guided Biopsy Of The Prostate. The 42<sup>nd</sup> Annual Meeting of Egyptian Urologic Association (EUA), Luxor, 2007.

- 2- Behnsawy HM, Miyake H, Abdalla MA, Sayed MA, Ahmed Ael-F, Fujisawa M. "Expression Of Cell Cycle-Associated Proteins In Superficial Bladder Cancer: Correlation With Intravesical Recurrence Following Transurethral Resection." The AUA Annual Meeting Program Abstracts, 2009 AUA Annual Meeting.
- 3- Behnsawy HM, Miyake H, Abdalla MA, Sayed MA, Ahmed Ael-F, Fujisawa M. Expression of cell cycle-associated proteins in non-muscle-invasive bladder cancer: Correlation with intravesical recurrence following transurethral resection. The 98<sup>th</sup> Annual Meeting of the Japanese Urological Association, April 27 to 30, 2010 in Morioka, Japan.
- 4- Miyake H, Behnsawy HM, Fujisawa M. Expression of cell cycle-associated proteins in non-muscle-invasive bladder cancer: Correlation with intravesical recurrence following transurethral resection. The Annual Meeting of the European Association Of Urology, Paris, 2012, France.
- 5- Ken-ichi Harada, Hideaki Miyake, Hosney Behnsawy, Masato Fujisawa: Expression of epithelial-mesenchymal transition markers in renal cell carcinoma: impact on clinicopathological outcomes in patients undergoing radical nephrectomy, The AUA Annual Meeting , Atlanta, 2012 ,USA.
- 6- Fatma Meligy, Katsumi Shigemura, Hosny Behnsawy, Fukashi Yamamichi, Masuo Yamashita, Wen-chin Haung, LI Xiangyan, Leland Chung, Masato Fujisawa, Masato Kawabata, Toshiro Shirakawa: Possible role of sonic hedgehog signaling and the link with epithelial-mesenchymal transition (EMT) in renal cancer progression, The AUA Annual Meeting , Atlanta, 2012 ,USA.
- 7- Meligy Fatma, Katsumi Shigemura, Hosny Behnsawy, Fukashi Yamamichi, Wen-chin Haung, Xiangyan Li, Leland Chung, Masuo Yamashita, Masato Fujisawa, Masato Kawabata, Toshiro Shirakawa: Sonic hedgehog signaling and Androgens are linked in tumor-stromal interaction through Epithelial-Mesenchymal transition (EMT) in prostate cancer progression, The AUA Annual Meeting , Atlanta, 2012 ,USA.
- 8- Hideaki Miyake, Hosny Behnsawy, Masato Fujisawa: Expression of epithelial-mesenchymal transition markers in localized prostate cancer: impact on clinicopathological outcomes in patients undergoing radical prostatectomy, The AUA Annual Meeting , Atlanta, 2012 ,USA.
- 9- Hideaki Miyake, Hosny Behnsawy, Masato Fujisawa: Expression of integrin proteins in non-muscle invasive bladder cancer: significance of intravesical recurrence following transurethral resection, The AUA Annual Meeting , Atlanta, 2012 ,USA.

## **Conferences and Workshops:**

- 1- 23<sup>rd</sup> Annual Conference of Faculty of Medicine, Assiut University, 2005.
- 2- 24<sup>th</sup> Annual Conference Of Faculty Of Medicine, Assiut University, 2006.
- 3- The 2<sup>nd</sup> congress of Radiology Of faculty of Medicine, Assiut University, 2006.
- 4- The Basic Course of Endourology, at faculty of Medicine, Assiut University, 2006.
- 5- The 41<sup>st</sup> Annual Meeting of Egyptian Urological Association in Conjunction with European Association of Urology, At Cairo, 2006.
- 6- The 2<sup>nd</sup> Scientific Annual Meeting of Urology Depart. Faculty of Medicine, Sohag Univer., in Collaboration with Egyptian Urological Association, at Luxor, 2007.
- 7- 25<sup>th</sup> Annual Conference of Faculty Of Medicine, Assiut University, 2007.
- 8- The 42<sup>nd</sup> Annual Meeting of Egyptian Urological Association in Conjunction with European Association of Urology, At Luxor, 2007.
- 9- The Basic Laparoscopic Training Course, Kobe Graduate School Of Medicine, Kobe University, Japan, 2008.
- 10- The Japanese Endourology Association Meeting, At Shin-Fukushima, Osaka, Japan, 2008.
- 11- The Annual Meeting of American Urological Association, at Chicago, Illinois, USA, 2009.
- 12- The 98<sup>th</sup> Annual Meeting of the Japanese Urological Association, April 27 to 30, 2010 in Morioka, Japan.
- 13- The 48<sup>th</sup> Annual Meeting of Egyptian Urological Association in Conjunction with European Association of Urology, At Sharm-El-Sheikh, 2013.

## **Areas of Interest:**

- Laparoscopy in uro-oncology.
- The various endourology procedures.
- Basic research especially on genito-urinary tumour.
- Pediatric Urology.

## **Social and Scientific activities:**

- National Active Member of the Egyptian Urologic Association (**EUA**).
- Member of the Egyptian Medical Syndicate.

## **References:**

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