

**9 participări științifice la Congresul American de Urologie (AUA Congress) 2013**  
**Excepțională performanță științifică a clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București**

Profesor doctor Petrișor Geavlete  
Șeful clinicii de urologie a Spitalului Clinic de Urgență Sfântul Ioan București

Acum, după 108 ani de existență a Asociației Americane de Urologie (AUA), AUA Annual Meeting (San Diego, 2013) rămâne cel mai important și exclusivist congres mondial din specialitatea urologie, fiind în mare competiție prin anvergură și activitate științifică cu congresul European de urologie. Ultimele noutăți tehnologice, ultimele date de cercetare din urologie, sunt caracteristice acestui congres. AUA 2013 reprezintă una dintre cele mai semnificative ocazii mondiale de îmbunătățire a inovațiilor, a medicinei bazate pe dovezi, a educației la cel mai înalt nivel în această specialitate, toate la cel mai înalt standard științific. (Foto 1 și Foto 2)



Foto 1. Sigla congresului AUA 2013.



Foto 2. Unul dintre obiectivele principale ale acestui congres de cea mai mare anvergură internațional din domeniul urologic: **Sharing Knowledge, Setting Standards!**

În acest an, AUA Annual Meeting a inclus 9 ore de chirurgie programată, hands-on și chirurgie robotică, mai mult de 100 cursuri de perfecționare, o zi întreagă destinată cercetării în urologie, peste 2.000 de prezentări, o zi pentru *Best Practices in Urologic Care for the Allied Health Team*.

Astfel acest AUA Annual Meeting a oferit cele mai importante aspect de tehnologie și de educație urologică pentru: urologi, rezidenți și student, educatori, cercetători, tehnicieni, asistenți, asistenți medicali, etc.

Dintre principalele aspecte ale programului științific se pot exemplifica:

### **1. State-of-the-Art Lectures**

Role of Technology in the Future Management of Erectile Dysfunction (Run Wang, M.D.), Intralesional Collagenase in the Treatment of Peyronie's Disease (Stanton Charles Honig, M.D.), Using Imaging to Select and Predict Operative Results in Urolithiasis (Dean George Assimos, M.D.), Contemporary Applications of Botulinum Toxin in the Lower Urinary Tract (Prokar Dasgupta, M.D.), Retreatment Rate in Ablation Therapy for BPH (Anup Patel, M.D.), Indications for Renal Auto Transplantation (H. Albin Gritsch, M.D.), Using Ultrasound to Move Stones (Michael Bailey), The Etiology of Upper Tract Urothelial Carcinoma in Balkan Endemic Nephropathy: A Clue to a Global Disease (Arthur P. Grollman, M.D.), Radionuclide Therapy of Painful Bone Metastases: Past, Present, Future (Andrei Iagaru), The Biology of Transplant Ischemia-Reperfusion Injury: Lessons for Native Renal Surgery (Patrick Luke, M.D.), LESS is More (Jihad H. Kaouk, M.D.).

### **2. Critical Discussion**

Exogenous Testosterone: A Preventable Cause of Male Infertility (Ethan Daniel Grober, M.D., Dana Alan Ohl, M.D., Edward D. Kim, M.D.), The Management of Urinary Urgency After the Sling (Humphrey Atiemo, M.D., Matthew P. Rutman, M.D., Kathleen Chizuko Kobashi, M.D.), Latrogenic Ureteral Injury Management (Richard E. Link M.D., Ph.D., Raju Thomas, M.D., Richard A. Santucci, M.D.), The Impact of Kidney Stones on Renal Function (John Charles Lieske, M.D., Elaine Worcester, M.D., Kenneth Tony Pace, M.D.), Managing Progressive Prostate Cancer: How, Who and When (James Duane Brooks, M.D., Robert Evan Reiter, M.D., Joel Byron Nelson, M.D.), Fusion Technologies in Imaging - Are They Worth It? (Mark Emberton, M.D., Art R. Rastinehad, D.O., Edouard John Trabulsi, M.D.), BCG Intravesical Therapy: Improving Clinical Outcomes and Defining BCG Failure (Michael A. O'Donnell, M.D., George Niklaus Thalmann, M.D., Ashish M. Kamat, M.D.), Muscle Invasive Bladder Cancer in Elderly Patients: Therapeutic Considerations (Jeffrey Maxwell Holzbeierlein, M.D., Badrinath R. Konety, M.D., Mark Philip Schoenberg, M.D., Gary David Steinberg, M.D.).

### **3. John K. Lattimer Lecture**

How Digitizing Humans Changes the Future of Medicine (Presenter: Eric J. Topol, M.D.)

### **4. Panel Discussion**

Hormones, the Environment and GU Anomalies (Jenny Huiju Yiee, M.D., Martin Cohn, Sarah Janssen, M.D., PhD, MPH), New Insights into Pediatric Urinary Stone Disease (Caleb Pennell Nelson, M.D., Marshall Leedy Stoller, M.D., Serdar Tekgul, M.D., Linda Alford Baker, M.D., Sampling of Prostate Biopsies (Steven M. Schlossberg, MD, MBA, David G. Bostwick, M.D., Samson William Fine, M.D., Samir Taneja, M.D.), Molecular Markers for Risk, Diagnosis, and Prognosis in Prostate Cancer (Edward M. Messing, M.D., Daniel Wei Lin, M.D., Alan Wayne Partin, M.D., Theo H. Van der Kwast, M.D., Ph.D.), Adrenal Case Wars (Mallikarjuna Chiruvella, M.D., Ronney Abaza, M.D., Rajeev Kumar, M.D., Craig Glenn Rogers, M.D., Technical Advances in Doing Nephron Sparing Surgery (Dipen J. Parekh, M.D., Jens Rassweiler, M.D., Li-Ming Su, M.D., Robert G. Uzzo, M.D.)

## **5. Best Abstract**

Comparison of Tissue Injury from a Novel Technique of Focused Ultrasonic Propulsion of Kidney Stones Versus Extracorporeal Shock Wave Lithotripsy (Bret Connors, M.D.), Does Increasing the Nodal Yield Improve Outcomes in Patients without Nodal Metastasis at Radical Prostatectomy? (Luis Kluth, M.D.), Abiraterone Acetate in Metastatic Castration-resistant Prostate Cancer Patients without Prior Chemotherapy – Interim Analysis of the COU-AA-302 Phase 3 Trial (Fred Saad, M.D.), Critical Assessment of Criteria Used to Identify Men Eligible for Active Surveillance of Low-Risk Prostate Cancer (Adam C. Reese, M.D.)

## **6. Video Debate**

The Management of Staghorn Stone Patient PCNL vs. Laparoscopic Anatomic Nephrolithotomy (R. John D'A. Honey, M.D., Mitchell R. Humphreys, M.D., Rene Sotelo), New Techniques in Urethroplasty: Reducing Morbidity (Christiaan Frederik Heyns, M.D., Sanjay B. Kulkarni, M.D., Enzo Palminteri M.D. ).

## **7. The Societe Internationale d'Urologie Lecture (SIU)**

Male LUTS: Completing the Paradigm Shift (Paul Abrams, M.D.)

## **8. Research Update**

Priapism (Trinity Jude Bivalacqua, M.D.)

## **9. AUA Guideline Presentation**

Detection of Prostate Cancer (H. Ballentine Carter, M.D.), Castration Resistant Prostate Cancer (Michael Shawn Cookson, M.D.), Follow-up Care for Renal Cancer (Sherri Machele Donat, M.D.).

## **10. Late Breaking News**

Interim Analysis of a Prospective Randomized Trial Comparing Robotic and Open Cystectomy at Memorial Sloan-Kettering Cancer Center (Vincent P. Laudone, M.D.).

## **11. Point-Counterpoint**

Should We Treat Low Risk CaP? (Peter T. Scardino, M.D., Peter Robert Carroll, M.D., Ashutosh Kumar Tewari, M.D.), Alpha Blocker vs. PDE5i for BPH/LUTS (Claus Georg Roehrborn, M.D., Kevin Thomas McVary, M.D., Steven Abraham Kaplan, M.D.), Partial vs. Radical Nephrectomy for T1b, T2 Renal Mass (Michael A.S. Jewett, M.D., Paul Russo, M.D., Steven Charles Campbell, M.D., Ph.D.).

## **12. European Association of Urology Lecture (EAU)**

High Risk Prostate Cancer: The Best Indication for Radical Prostatectomy (Hendrik Van Poppel, M.D.)

## **13. AUA Guideline Presentation**

Radiation After Prostatectomy (Richard K. Valicenti, M.D.).

## **14. Ramon Guiteras Lecture**

Genetic Pathway to Renal Cancer

## **15. Live Surgery**

Cystectomy with Intracorporal Orthotopic Neobladder (Performed by Inderbir S. Gill, MD, MCh and Mihir Desai, MD), Nephroureterectomy (Performed by Ashok K. Hemal, MD, MCh, FACS, FRCS), Prostatectomy for High Risk Prostate Cancer (Performed by Christopher J. Kane, MD), Female Incontinence (MiniArc Single Incision) (Performed by Saad Juma, MD), Elevate Anterior Prolapse Repair System (Performed by Larry T. Sirls, II, MD), Repair of Peyronie's Disease (Performed by Tom F. Lue, MD), BPH (GreenLight XPS Laser Therapy) (Performed by Ricardo R. Gonzalez, MD), Laparoscopic Partial Nephrectomy (Performed by Douglas M. Dahl, MD), Robotic Partial Nephrectomy (Performed by James R. Porter, MD), Robotic Partial Nephrectomy (Presenter: Jay D. Raman, M.D.).

## **16. Hands-On**

La congresul AUA 2013 au fost 3 tipuri de astfel de training: Hands-on (HO) Courses, Hands-on Robotics (ROB) Courses și Hands-on Urologic Ultrasound Courses.

Dintre cele mai importante se pot enumera: Ultrasound of Male Genitalia, Fundamentals of Robotic Surgery, Flexible Ureteroscopy for Renal Stones, Urologic Ultrasound Protocols: Putting It All Together, Ureteroscopy: Step-by-Step, Pelvic Floor Ultrasound in Assessment of Voiding Dysfunction and Pelvic Organ Prolapse, Fundamentals of Robotic Surgery, Prostate Ultrasound, Ureteroscopy: Step-by-Step, Robotic Pyeloplasty, Advanced Urologic Ultrasound, Approaches in Female Pelvic Surgery, Modern Alternatives to TURP: Lasers and Bipolar, Robotic Partial Nephrectomy, Office Urodynamics, Robotic Urethrovesical Anastomosis of RALP, Laparoscopic Skills Training and Suturing, Percutaneous Nephrostomy: Access and Problems, Robotic Partial Nephrectomy, Percutaneous Nephrostomy: Access and Problems, Robotic Laparo-Endoscopic Single-Site Surgery (LESS).

## **17. Satellite Symposia**

Satellite Symposia: Overactive Bladder: Current and Emerging Therapies for Optimal Individualized Treatment, Advanced Castration-Resistant Prostate Cancer in 2013: A

Rapidly Evolving Treatment Algorithm, Strategies to Improve Adherence and Clinical Management of Overactive Bladder, Integrating Urologic and Primary Care Perspectives: Recognizing Early Signals to Halt the Cycle of Hypogonadism, Erectile Dysfunction, and Cardiometabolic Disease, Benign Prostatic Hyperplasia and Lower Urinary Tract Symptoms: Pathophysiology to Improved Patient Care, Improving Treatment Selection in Castrate-Resistant Prostate Cancer: Adapting to a New Treatment Paradigm, Improving Survival in Advanced Prostate Cancer: The Changing Role of the Urologist.

## **18. Forums**

Forum: National Urology Residents Preceptorship Program (NURPP), Urologic Oncology Research Symposium: "Pathways to Therapy", Basic Science Symposium: Inflammation and Fibrosis - Underlying Factors in Benign Urological Disorders, Residents Forum, The Science of Female Pelvic Health, Best Practices in Urologic Care for the Allied Health Team, FDA/AUA Prostate Cancer Workshop: Clinical Trial Design Issues: Drug and Device Development for Localized Prostate Cancer, AUA Research Forum: Showcasing Early Career Investigators, Young Urologist Forum.

## **19. Subspecialty Society & International Meetings**

American Society for Men's Health (ASMH), Arab Association of Urology (AAU), Association Francaise d' Urologie (AFU), Association of American-Iranian Urologists (AAIU), AUA / American College of Osteopathic Surgeons (ACOS) Urology Program, AUA-Eurasian Urology Platform (EUP) Joint Meeting Program, AUA/ Confederacion Americana de Urologia (CAU - Spanish Urology), British Association of Urologic Surgeons / British Journal of Urology International (BAUS / BJUI), Egyptian Urological Society (EUA), Engineering and Urology Society (EUS) - Section of the Endourological Society, Geriatric Urological Society (GUS), Hungarian Urological Association (HUA), Indian American Urological Association (IAUA), Israeli Urological Association (IUA), Japanese Urological Association (JUA), Korean World Urologic Congress (KWUC), Large Urology Group Practice (LUGPA), Pan African Urological Surgeons Association (PAUSA) / Caribbean Urological Association (CURA), Portuguese Urology Program (PUP), Research on Calculus Kinetics Society (ROCK), Russian Urology Program (iRUS), Sexual Medicine Society of North America (SMSNA), Societa' Italiana Di Urologia (SIU), Society for Basic Urologic Research (SBUR), Society for Basic Urologic Research / The Society of Urologic Oncology (SBUR / SUO), Society for Infection and Inflammation (SIIU), The Society for Pediatric Urology (SPU) Annual Meeting, Society for the Study of Male Reproduction (SSMR), Society of Genitourinary Reconstructive Surgeons (GURS), Society of University Urologists / Society of Urology Chairpersons and Program Directors (SUU/SUCPD), The Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU), Society of Urologic Oncology (SUO), Society of Urologic Robotic Surgery (SURS), Society of Women in Urology (SWIU),

Urologic Society for Transplantation & Renal Surgery (USTRS), World Chinese Urological Society (WCUS).

## **20. 124 Postere și Podium Sessions**

**20.a. Posters:** MP01: Trauma/Reconstruction: Trauma & Reconstructive Surgery, MP02: Urodynamics/Incontinence/Female Urology: Basic Research, MP03: General & Epidemiological Trends & Socioeconomics: Evidence-based Medicine & Outcomes, MP07: Kidney Cancer: Basic Research, MP08: Pediatrics: Dysfunctional Voiding/Enuresis, MP09: Prostate Cancer: Basic Research, MP10: Prostate Cancer: Epidemiology & Natural History, POD04: Prostate Cancer: Staging, MP11: Bladder and Urethra: Anatomy, Physiology and Pharmacology, MP12: Kidney Cancer: Basic Research, MP18: Pediatrics: Neuropathic Bladder/Reconstruction, MP20: Urothelial Cancer: Medical & Surgical Therapy, MP21: Bladder Cancer: Basic Research, MP23: Kidney Cancer: Evaluation & Staging, MP24: Pediatrics: Urinary Tract Infection/Vesicoureteral Reflux, MP25: Prostate Cancer: Localized, MP26: Urothelial Cancer: Upper Tract Tumors, MP28: Penis/Testis/Urethra: Benign & Malignant Disease, MP29: Prostate Cancer: Advanced, MP31: Sexual Function/Dysfunction/Andrology: Basic Research, MP32: Technology & Instruments: Laparoscopy: Malignant & Benign Disease, MP33: Technology & Instruments: Robotics: Benign & Malignant Disease, MP40: Urodynamics/Incontinence/Female Urology: Incontinence, Evaluation & Therapy, MP42: Infections/Inflammation of the Genitourinary Tract: Kidney & Bladder, MP43: Infections/Inflammation of the Genitourinary Tract: Prostate & Genitalia, MP44: Kidney Cancer: Localized, MP46: Sexual Function/Dysfunction/Andrology: Evaluation, MP47: Bladder Cancer: Detection and Screening, POD22: Benign Prostatic Hyperplasia: Medical and Hormonal Therapy, MP52: Bladder Cancer: Invasive, MP54: Prostate Cancer: Detection & Screening, MP56: Sexual Function/Dysfunction/Andrology: Medical and Non-surgical Therapy, MP57: Stone Disease: SWL, Ureteroscopy or Percutaneous Stone Removal, MP58: Benign Prostatic Hyperplasia: Basic Research, MP61: Sexual Function/Dysfunction/Andrology: Peyronie Disease + Surgical Therapy, MP62: Stone Disease: SWL, Ureteroscopy or Percutaneous Stone Removal, MP63: Benign Prostatic Hyperplasia: Epidemiology and Natural History/Evaluation & Markers, MP65: Bladder Cancer: Superficial, MP68: Bladder Cancer: Metastatic Disease + Staging, MP69: Infertility: Therapy, MP70: Kidney Cancer: Advanced, MP72: Urodynamics/Incontinence/Female Urology: Non-neurogenic Voiding Dysfunction, MP73: Benign Prostatic Hyperplasia: Surgical Therapy and New Technology, MP74: Imaging/Radiology: Uroradiology, MP75: Infertility: Basic Research, Physiology, Pathophysiology, MP77: Stone Disease: Basic Research, MP78: Stone Disease: Evaluation & Medical Management, MP79: Transplantation & Vascular Surgery: Renal Transplantation, Renal Vascular Surgery, MP85: Urodynamics/Incontinence/Female Urology: Urodynamics Testing.

**20.b. Podium:** POD01: Adrenal, POD02: General & Epidemiological Trends & Socioeconomics: Evidence-based Medicine & Outcomes, POD03: General & Epidemiological Trends & Socioeconomics: Practice Patterns, Cost Effectiveness, POD05: Stem Cell Research, POD06: Prostate Cancer: Localized, POD07: Prostate Cancer: Staging, POD08: Trauma/Reconstruction: Trauma & Reconstructive Surgery, POD09: Urothelial Cancer: Natural History, Markers & Pathophysiology, POD10: Bladder and Urethra: Anatomy, Physiology and Pharmacology, POD12: Urodynamics/Incontinence/Female Urology: Incontinence, Evaluation & Therapy, POD13: Penis/Testis/Urethra: Benign & Malignant Disease, POD14: Prostate Cancer: Advanced, POD15: Infections/Inflammation of the Genitourinary Tract: Interstitial Cystitis, POD16: Technology & Instruments: Surgical Education & Skills Assessment, POD17: Urothelial Cancer: Upper Tract Tumors, POD18: Infections/Inflammation of the Genitourinary Tract: Kidney & Bladder, POD19: Kidney Cancer: Evaluation & Staging, MP41: Bladder Cancer: Basic Research, POD20: Prostate Cancer: Detection & Screening, POD21: Urinary Diversion: Bladder Reconstruction, Augmentation, Substitution, Diversion, POD24: Technology & Instruments: Robotics: Benign & Malignant Disease, POD25: Urinary Diversion: Bladder Reconstruction, Augmentation, Substitution, Diversion, POD26: Stone Disease: New Technology, POD27: Technology & Instruments: Surgical Education & Skills Assessment, POD28: Urodynamics/Incontinence/Female Urology: Female Urology, POD29: Bladder Cancer: Superficial, POD30: Urodynamics/Incontinence/Female Urology: Neurogenic Voiding Dysfunction, POD31: Kidney Cancer: Advanced, POD33: Benign Prostatic Hyperplasia: Surgical Therapy and New Technology, POD35: Prostate Cancer: Markers, POD36: Urodynamics/Incontinence/Female Urology: Pelvic Prolapse, POD37: Infertility: Evaluation, POD38: Stone Disease: Basic Research, POD39: Transplantation & Vascular Surgery: Renal Transplantation, Renal Vascular Surgery.

### **20.c. Video Sessions**

Video sessions: VIDAWD: Award Winning Video Session, VID01: Female Voiding Dysfunction (Pelvic Reconstruction & Incontinence), VID02: Male Voiding Dysfunction (BPH & Incontinence) and Infection, VID03: Pediatrics, VID04: Adrenal and Reconstruction Teaching Techniques, VID05: Renal Oncology, VID06: Prostate Oncology and Novel Imaging and Focal Therapy, VID07: Infertility and Sexual Dysfunction and Testis, VID08: Transplantation and Urolithiasis, VID09: Bladder, Oncology, VID10: Robotics, Single Port Surgery, LESS, NOTES.

Datele de amănunt ale acestei impresionante manifestări științifice urologice sunt reliefate online (Foto 3). Redăm, de asemenea, locația congresului (Foto 4), certificatul de participare a prof.dr. Petrișor Geavlete la acest congres (Foto 5) împreună cu un

aspect surprins în timpul unei prezentări a Prof. P. Geavlete la congresul AUA 2013. (Foto 6).



Foto 3. AUA Annual Meeting, May 4-8, 2013, San Diego (site-ul de prezentare). Sloganul Congresului a fost **Advancing Urology Together!**



Foto 4. Imagine cu locația congresului AUA, San Diego 2013.





Foto 5. Certificatul de participare al Prof.dr. Petrișor Geavlete la Congresul AUA 2013.



Foto 6. Prof. P. Geavlete, în timpul unei prezentări la congresul AUA 2013.

Sintetizând participarea științifică a clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București la congresul AUA 2013 se pot menționa următoarele 6 aspecte :

***1. Patru postere moderate acceptate și prezentate în cadrul congresului*** (Foto 7 – Programul congresului)



Foto 7. Programul științific al congresului AUA 2013.

Încă o dată trebuie să subliniem faptul că acest congres este unul dintre cele mai remarcabile prin nivelul științific, iar participarea extra-americană este obiectivată cu lucrări din țările cu cele mai mari performanțe pe planul experienței urologice, a personalității unor urologi de renume, a unor cercetări cu valoare de pionierat. În acest context, cu totul special, acceptarea și prezentarea a **patru postere** moderate din România reprezintă o reușită cu totul excepțională, care merită să fie subliniată.

**San Diego Convention Center: Room 11**

**3:30 - 5:30 p.m.**

**MP 47: Bladder Cancer: Detection and Screening**

**Moderators: Michael A. O'Donnell, MD, Simon Tanguay, M.D.**

Monday, May 06, 2013 3:30 PM-5:30 PM

SDCC: Room 11

**MP 47: Bladder Cancer: Detection and Screening**

**Moderated Poster**

1279: [Four-year non-muscle invasive bladder cancer recurrence rates - A prospective, randomized comparison between hexaminolevulinate blue light and standard white light cystoscopy](#)

Bogdan Geavlete; Razvan Multescu; Dragos Georgescu; Marian Jecu; Florin Stanescu; Cristian Moldoveanu; Petrisor Geavlete (Foto 8)

Monday, May 06, 2013 3:30 PM-5:30 PM

SDCC: Room 11

**MP 47: Bladder Cancer: Detection and Screening**

**Moderated Poster**

1280: [Three-year impact of combined narrow band imaging cystoscopy and bipolar plasma vaporization in large non-muscle invasive bladder tumors cases - A prospective, randomized comparison to the standard approach](#)

Bogdan Geavlete; Florin Stanescu; Razvan Multescu; Dragos Georgescu; Cristian Moldoveanu; Marian Jecu; Petrisor Geavlete (Foto 8)

Monday, May 6, 2013 3:30 pm - 5:30 pm

**Moderated Poster Session 47**

**BLADDER CANCER: DETECTION AND SCREENING**  
Room 11 @ San Diego Convention Center  
Moderators: Michael O'Donnell and Simon Tanguay

ABSTRACT NUMBER	TITLE	ABSTRACT NUMBER	TITLE
1278	<b>NARROW BAND IMAGING IMPROVES THE DETECTION OF NEW AND RECURRENT BLADDER CANCERS AND CARCINOMA IN-SITU</b> <i>Wayne Lam*, Ben Ayres, Archana Fernando, Matthew Robinson, Robert King</i>	1284	<b>BLADDER CANCER AS A SECONDARY MALIGNANCY AFTER RADIATION THERAPY FOR PRIMARY UTERINE CANCER</b> <i>Janet Baack Kukreja*, Emelian Scosyrev, Edward Messing, Guan Wu, Rochester, NY</i>
1279	<b>FOUR-YEAR NON-MUSCLE INVASIVE BLADDER CANCER RECURRENCE RATES - A PROSPECTIVE, RANDOMIZED COMPARISON BETWEEN HEXAMINOLEVULINATE BLUE LIGHT AND STANDARD WHITE LIGHT CYSTOSCOPY</b> <i>Bogdan Geavlete*, Razvan Mulescu, Dragos Georgescu, Marian Jecu, Florin Stanescu, Cristian Moldoveanu, Petrisor Geavlete, Bucharest, Romania</i>	1285	<b>VALIDATION OF A NOVEL DIAGNOSTIC SIGNATURE FOR THE DETECTION OF BLADDER CANCER IN VOIDED URINE SAMPLES</b> <i>Makoto Miyake*, Steven Goodison, Orlando, FL, Myron Chang, Yunfeng Dai, Gainesville, FL, Lourdes Mengual, Barcelona, Spain, Virginia Urquidí, Charles J. Rosser, Orlando, FL</i>
1280	<b>THREE-YEAR IMPACT OF COMBINED NARROW BAND IMAGING CYSTOSCOPY AND BIPOLAR PLASMA VAPORIZATION IN LARGE NON-MUSCLE INVASIVE BLADDER TUMORS' CASES - A PROSPECTIVE, RANDOMIZED COMPARISON TO THE STANDARD APPROACH</b> <i>Bogdan Geavlete*, Florin Stanescu, Razvan Mulescu, Dragos Georgescu, Cristian Moldoveanu, Marian Jecu, Petrisor Geavlete, Bucharest, Romania</i>	1286	<b>STEPWISE APPLICATION OF IMMUNOCYTOLOGY AND FISH IN THE SURVEILLANCE OF PATIENTS WITH NON-MUSCLE INVASIVE BLADDER CANCER</b> <i>Tilman Todenhöfer*, Jörg Hennenlotter, Michael Esser, Stefan Aufderklamm, Sarah Mohrhardt, Georgios Gekis, Ursula Kühs, Arnulf Stenzl, Christian Schwentner, Tübingen, Germany</i>
1281	<b>ENDOSCOPIC MOLECULAR IMAGING OF HUMAN BLADDER CANCER USING A CD47 ANTIBODY</b> <i>Ying Pan*, Jens-Peter Volkmmer, Jen-Jane Liu, Debashis Sahoo, Timothy Chang, Kathleen Mach, Robert Rouse, Fuad Freiha, Sanjiv Gambhir, Irving Weissman, Joseph Liao, Palo Alto, CA</i>	1287	<b>METHYLATION OF A NOVEL PANEL OF TUMOR SUPPRESSOR GENES ALLOWS NON-INVASIVE DIAGNOSIS AND PROGNOSIS IN BLADDER CANCER: A TWO CENTER PROSPECTIVE STUDY</b> <i>Rodrigo Garcia-Baquero, Patricia Puerta, Madrid, Spain, Manuel Beltran, Cadiz, Spain, Miguel Alvarez, Raquel Sacristán, Oviedo, Spain, Jose Luis Ossorio, Cadiz, Spain, Marta Sanchez-Carbajo*, Madrid, Spain</i>
1282	<b>RISK-ADAPTED SCREENING PERFORMED WITH THE INTERNET TOOL RISKCHECK BLADDER CANCER® (RCBC) WAS EVALUATED BY THE UROLOGICAL HEALTH SERVICE RESEARCH FOUNDATION IQOO-GERMANY</b> <i>Gerson Lüdtcke*, Giessen, Germany, Götz Geiges, Frank König, Berlin, Germany</i>	1288	<b>VISIBLE HAEMATURIA IN PATIENTS UNDER 40 YEARS - PROSPECTIVE STUDY WITH 3 - 11 YEARS FOLLOW-UP</b> <i>Said Mishriki*, Ross Vint, Thomas Lam, Aberdeen, United Kingdom, Bhaskar Somani, Southampton, United Kingdom</i>
1283	<b>LOWER URINARY TRACT SYMPTOMS (LUTS) AS A PRESENTING SYMPTOM FOR BLADDER CANCER IN A VETERAN POPULATION</b> <i>Ryan Dobbs*, John Petros, Usama Al-Qassab, Chad Pitencour, Muta Issa, Daniel Canter, Atlanta, GA</i>	1289	<b>ACUTE IMAGING FOR HEMATURIA IN THE UNITED STATES: COSTS AND PREDICTORS FROM THE NATIONWIDE EMERGENCY DEPARTMENT SAMPLE</b> <i>Khurshid R Ghani*, Shyam Sukumar, Jesse D Sammon, Detroit, MI, Al'a Abdó, Orchidee Djahangirian, Montreal, Canada, Wooju Jeong, James O Peabody, Detroit, MI, Shahrokh F Shariat, New York, NY, Pierre J Karakiewicz, Maxine Sun, Montreal, Canada, Mari Menon, Detroit, MI, Quoc-Dien Trinh, Montreal, Canada</i>

\*Presenting author 165

Foto 8. Sesiunea de postere MP47, cu cele două postere susținute de către prof.dr. P.Geavlete (***Four-year non-muscle invasive bladder cancer recurrence rates - A prospective, randomized comparison between hexaminolevulinate blue light and standard white light cystoscopy*** și ***Three-year impact of combined narrow band imaging cystoscopy and bipolar plasma vaporization in large non-muscle invasive bladder tumors cases - A prospective, randomized comparison to the standard approach***).

**A.**Primul poster, ***Four-year non-muscle invasive bladder cancer recurrence rates - A prospective, randomized comparison between hexaminolevulinate blue light and standard white light cystoscopy*** a fost remarcat în mod cu totul deosebit, fiind menționat ulterior și la Take Home Messages (acest aspect se va preciza ulterior).

Prof.dr. P.Geavlete a susținut acest poster în fața unei audiențe de peste 300 de urologi cu un impact deosebit. (Foto 9)



Foto 9. Prof. P.Geavlete și prof. Simon Tanguay (USA), unul dintre moderatorii acestei sesiuni de postere în fața posterului: ***Four-year non-muscle invasive bladder cancer recurrence rates - A prospective, randomized comparison between hexaminolevulinate blue light and standard white light cystoscopy***, Autori: Bogdan Geavlete; Razvan Multescu; Dragos Georgescu; Marian Jecu; Florin Stanescu; Cristian Moldoveanu; Petrisor Geavlete)

Concluziile acestui studiu au fost: Fluorescence cystoscopy emphasized superior NMIBC patients' detection rates as well as a significant impact in terms of additional tumors' cases, risk category changes and postoperative treatment modifications. Subsequently, the long term recurrence rates were significantly improved in the HAL-BLC group.

**B.** Cel de-al doilea poster, *Three-year impact of combined narrow band imaging cystoscopy and bipolar plasma vaporization in large non-muscle invasive bladder tumors cases - A prospective, randomized comparison to the standard approach* a fost, de asemenea, remarcat în mod cu totul special. (Foto 10)



Foto 10. Prof. P. Geavlete în timpul prezentării posterului *Three-year impact of combined narrow band imaging cystoscopy and bipolar plasma vaporization in large non-muscle invasive bladder tumors cases - A prospective, randomized comparison to the standard approach* (Autori: Bogdan Geavlete; Florin Stanescu; Razvan Multescu; Dragos Georgescu; Cristian Moldoveanu; Marian Jecu; Petrisor Geavlete).

Concluziile acestui studiu au fost: NBI cystoscopy displayed significantly improved diagnostic accuracy and BPV emphasized superior efficacy, reduced morbidity and faster postoperative recovery in large NMIBT cases. The NBI-BPV technique provided a lower Re-TUR residual tumors' rate as well as reduced 1, 2 and 3 years' recurrence rates by comparison to the standard approach.

Posterele 3 și 4 au fost prezentate într-o altă sesiune de Moderated Posters (MP73):

**San Diego Convention Center: Room 9A**

**8 - 10 a.m.**

**MP 73: Benign Prostatic Hyperplasia: Surgical Therapy and New Technology (II)**

**Moderator: Mostafa M. Elhilali, M.D., Lori B. Lerner, MD**

Wednesday, May 08, 2013 8:00 AM-10:00 AM

SDCC: Room 9

**MP73: Benign Prostatic Hyperplasia: Surgical Therapy and New Technology (II)**

**Moderated Poster**

1991: [Two-year prospective, randomized comparison between the bipolar plasma enucleation of the prostate and open prostatectomy in BPH cases over 80 mL](#)

Bogdan Geavlete; Florin Stanescu; Catalin Iacobaie; Petrisor Geavlete (Foto 11)



10:55	<b>JOURNAL OF UROLOGY REPORT: UPDATE</b> William Steers		
11:05	<b>PANEL DISCUSSION: TECHNICAL ADVANCES IN DOING NEPHRON SPARING SURGERY</b> Moderator: Dipen Parekh Panelists: Jens Rassweiler Li-Ming Su Robert Uzzo		
11:30	<b>SESSION CONCLUDES</b> APPROVED FOR AMA PRA CATEGORY 1 CREDIT™		
Wednesday, May 8, 2013		8:00 am - 10:00 am	
<b>Moderated Poster Session 73</b>			
<b>BENIGN PROSTATIC HYPERPLASIA: SURGICAL THERAPY AND NEW TECHNOLOGY (II)</b>			
Room 9 @ San Diego Convention Center Moderators: Lori Lerner and Mostafa Elhilali			
<b>ABSTRACT NUMBER</b>	<b>TITLE</b>	<b>ABSTRACT NUMBER</b>	<b>TITLE</b>
1988	<b>PREDICTION SCORE FOR PERIOPERATIVE COMPLICATIONS OF TRANSURETHRAL PROSTATECTOMY (TURP)</b> Dan Leibovici*, Ilia Beberashvili, Yaniv Shilo, Shmuel Roizman, Amir Cooper, Avraham Chachashvili, Arie Lindner, Amnon Zisman, Yoram Siegel, Kobi Stav, Zerifin, Israel	1993	<b>SAFETY AND EFFICACY OF ROBOTIC AQUABLATION™ RESECTION OF PROSTATE FOR TREATMENT OF BENIGN PROSTATIC HYPERTROPHY</b> Kenneth Faber*, Andre Abreu, Patrick Ramos, Osamu Ukimura, Los Angeles, CA, Nikolai Aljuri, Surag Mantri, Redwood Shores, CA, Mihir Desai, Los Angeles, CA
1989	<b>EJACULATION PRESERVING TRANSURETHRAL RESECTION OF THE PROSTATE (TURP): RANDOMIZED COMPARATIVE STUDY TO EVALUATE DIFFERENT TECHNIQUES</b> Hassan El Taway, Ahmed Abo-Ramadan, Mohamed Abou Farha*, Ahmed El Deeb, Osama Abou Farha, Tanta, Egypt	1994	<b>PROSTATIC URETHRAL LIFT(PUL) PROVES EFFICACY IN LUTS TREATMENT OF BPH PATIENTS IN DAILY CLINIC PRACTICE OUTSIDE OF STUDIES</b> Florian Miller, Tuebingen, Germany, Martin Schoenthaler, Freiburg, Germany, Richard Berges, Koeln, Germany, Christian Gratzke, Muenchen, Germany, Bastian Amend, Jens Bedke, Stephan Kruck, Tuebingen, Germany, Jürgen Zumbie, Leverkusen, Germany, Ulrich Welterauer, Freiburg, Germany, Christian Stief, Muenchen, Germany, Arnulf Stenzl, Karl-Dietrich Slevert*, Tuebingen, Germany
1990	<b>BIPOLAR VERSUS MONOPOLAR TRANSURETHRAL RESECTION OF THE PROSTATE: A PROSPECTIVE RANDOMIZED TRIAL FOCUSING ON BLEEDING COMPLICATIONS</b> Patrick Stucki*, Agostino Mattei, Lorenzo Marini, Kyriakos Xafis, Hansjörg Danuser, Luzern, Switzerland	1995	<b>CLINICAL OUTCOME OF PROSTATIC ARTERIAL EMBOLISATION FOR PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA AND MODERATE TO SEVERE LOWER URINARY TRACT SYMPTOMS - 365 CASES</b> Luis Campos Pinheiro*, João Pisco, Hugo Rio Tinto, Tiago Bilhim, Lucia Fernandes, Marisa Duarte, José Pereira, Antonio Gouveia Oliveira, Lisbon, Portugal
1991	<b>TWO-YEAR PROSPECTIVE, RANDOMIZED COMPARISON BETWEEN THE BIPOLAR PLASMA ENUCLEATION OF THE PROSTATE AND OPEN PROSTATECTOMY IN BPH CASES OVER 80 ML</b> Bogdan Geavlete*, Florin Stanescu, Catalin Iacoboaie, Petrisor Geavlete, Bucharest, Romania	1996	<b>PROSTATIC ARTERIAL EMBOLIZATION FOR PATIENTS WITH BENIGN PROSTATIC HYPERPLASIA AND ACUTE URINARY RETENTION WITH A BLADDER CATHETER</b> Luis Campos Pinheiro*, Lucia Fernandes, João Pisco, Hugo Rio Tinto, Tiago Bilhim, Marisa Duarte, José Pereira, Antonio Gouveia Oliveira, Lisbon, Portugal
1992	<b>SINGLE PORT TRANSURETHRAL PROSTATECTOMY FOR BPH TREATMENT OF LARGE PROSTATES</b> Marcelo Hisano*, Fábio Carvalho Vicentini, Túlio Agresta, Marco Antonio di Napoli, Priscila Kuriki, Carlos Watanabe, Cláudio Bovolenta Murta, Joaquim Francisco de Almeida Claro, São Paulo, Brazil		

Foto 11. Abstractul *Two-year prospective, randomized comparison between the bipolar plasma enucleation of the prostate and open prostatectomy in BPH cases over 80 mL* (Bogdan Geavlete; Florin Stanescu; Catalin Iacoboaie; Petrisor Geavlete) din Programul congresului AUA 2013.

Wednesday, May 08, 2013 8:00 AM-10:00 AM

SDCC: Room 9

**MP 73: Benign Prostatic Hyperplasia: Surgical Therapy and New Technology (II)**  
Moderated Poster

2007: [Bipolar plasma vaporization versus standard TUR in cases of secondary bladder neck sclerosis - A prospective, medium term, randomized comparison](#)

Bogdan Geavlete; Cristian Moldoveanu; Catalin Iacobaie; Florin Stanescu; Petrisor Geavlete (Foto 12)

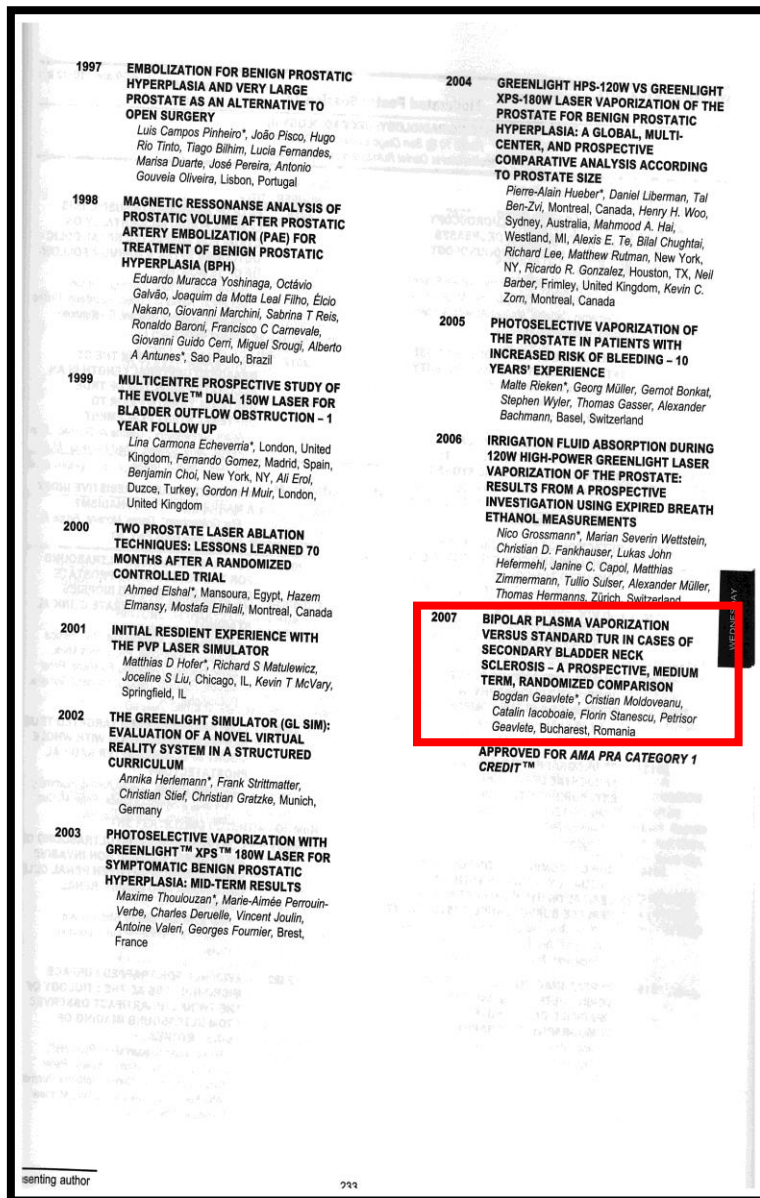


Foto 12. Abstractul ***Bipolar plasma vaporization versus standard TUR in cases of secondary bladder neck sclerosis - A prospective, medium term, randomized comparison*** (Bogdan Geavlete; Cristian Moldoveanu; Catalin Iacobaie; Florin Stanescu; Petrisor Geavlete) din Programul congresului AUA 2013.





Foto 14. Prof.dr. P.Geavlete în timpul susținerii posterului ***Bipolar plasma vaporization versus standard TUR in cases of secondary bladder neck sclerosis - A prospective, medium term, randomized comparison*** (Autori: Bogdan Geavlete; Cristian Moldoveanu; Catalin Iacobaie; Florin Stanescu; Petrisor Geavlete)



Foto 15. Prof. P.Geavlete și prof. Mostafa M. Elhilali (Canada, Chairman la această sesiune de postere) în fața posterului ***Bipolar plasma vaporization versus standard TUR in cases of secondary bladder neck sclerosis - A prospective, medium term, randomized comparison*** (Autori: Bogdan Geavlete; Cristian Moldoveanu; Catalin Iacobaie; Florin Stanescu; Petrisor Geavlete)

Complicație importantă după tratamentul în special endoscopic al adenomului de prostate, scleroza de col are acum o alternativă foarte eficientă de tratament.

De fapt, concluziile acestui studiu au reiefat : BPV constitutes a valuable endoscopic treatment approach for secondary BNS patients. The method emphasized superior efficacy, a satisfactory safety profile and similar medium term follow-up features when compared to standard TUR.

## **2. O comunicare în cadrul Podium Session**

Este pentru al treilea an consecutiv în care din partea clinicii de urologie spital Sfântul Ioan a fost prezentată o comunicare într-o sesiune de Podium Session:

San Diego Convention Center: Room 1A

3:30 - 5:30 p.m.

POD 33: Benign Prostatic Hyperplasia: Surgical Therapy and New Technology (I)

Moderators: Craig V. Comiter, MD, Andreas J. Gross, M.D.

Tuesday, May 07, 2013 3:30 PM-5:30 PM

SDCC: Room 1

**POD 33: Benign Prostatic Hyperplasia: Surgical Therapy and New Technology (I)**

**Podium**

1965: [Three-year prospective, randomized comparison of the bipolar plasma vaporization of the prostate, monopolar and bipolar resection in medium size BPH patients](#)

Bogdan Geavlete; Razvan Multescu; Georgescu Dragos; Florin Stanescu; Marian Jecu; Cristian Moldoveanu; Petrisor Geavlete (Foto 16 și 17)

ABSTRACT			ABSTRACT		
TIME	NUMBER	TITLE	TIME	NUMBER	TITLE
3:30	1964	<b>COUNSELING ON SEXUAL SIDE EFFECTS PRIOR TO SURGICAL TREATMENT FOR BENIGN PROSTATIC HYPERPLASIA</b> <i>Diana K. Bowen*, John Cashy, Chicago, IL, Kevin T. McVary, Springfield, IL</i>	3:50	1966	<b>BIPOLAR TRANSURETHRAL RESECTION OF THE PROSTATE UNDER CONTINUOUS ORAL ANTICOAGULATION OR THROMBOCYT ANTIAGGREGATION THERAPY COMPARED TO A SERIES OF PATIENTS WITHOUT ORAL ANTICOAGULATION OR THROMBOCYT ANTIAGGREGATION THERAPY</b> <i>Patrick Stucki*, Agostino Mattei, Lorenzo Marini, Kyriakos Xafis, Hansjörg Danuser, Luzern, Switzerland</i>
3:40	1965	<b>THREE-YEAR PROSPECTIVE, RANDOMIZED COMPARISON OF THE BIPOLAR PLASMA VAPORIZATION OF THE PROSTATE, MONOPOLAR AND BIPOLAR RESECTION IN MEDIUM SIZE BPH PATIENTS</b> <i>Bogdan Geavlete*, Razvan Multescu, Georgescu Dragos, Florin Stanescu, Marian Jecu, Cristian Moldoveanu, Petrisor Geavlete, Bucharest, Romania</i>	4:00	1967	<b>SMALL RESECTED PROSTATE WEIGHT IS ASSOCIATED WITH A HIGHER REOPERATION RATE FOLLOWING TRANSURETHRAL RESECTION OF THE PROSTATE ;V A STUDY ON 33905 PATIENTS</b> <i>Alex Tong Long Lin*, Chih Chieh Lin, Hsiao Jen Chung, Eric Yi Hsiu Huang, Kuang Kuo Chen, Tzeng Zi Chen, Taipei, Taiwan</i>

Foto 16. Abstractul *Three-year prospective, randomized comparison of the bipolar plasma vaporization of the prostate, monopolar and bipolar resection in medium size BPH patients* (Autori: Bogdan Geavlete; Razvan Multescu; Georgescu Dragos; Florin Stanescu; Marian Jecu; Cristian Moldoveanu; Petrisor Geavlete) din Programul congresului.



Foto 17. Sesiunea Podium Session (POD33), Tuesday, May 7, 2013 (Benign Prostatic Hyperplasia: Surgical Therapy and New Technology (I)).

După o experiență semnificativă, după mai multe comunicări la nivel național și internațional, clinica de urologie de la spitalul clinic de urgență Sfântul Ioan București a fost în prim planul discuției despre noua tehnologie bipolară aplicată în tratamentul endoscopic al adenomului de prostată.

Prof.dr. P.Geavlete a prezentat la congresul AUA 2013 ultima evaluare a acestei experiențe remarcabile. (Foto 18)



Foto 18. Prof.dr. P.Geavlete în timpul prezentării comunicării orale ***Three-year prospective, randomized comparison of the bipolar plasma vaporization of the prostate, monopolar and bipolar resection in medium size BPH patients*** (Autori: Bogdan Geavlete; Razvan Multescu; Georgescu Dragos; Florin Stanescu; Marian Jecu; Cristian Moldoveanu; Petrisor Geavlete).

Concluziile acestui studiu: BPVP displayed superior surgical efficacy, reduced perioperative morbidity and faster postoperative recovery when compared to TURis and TURP. During the long term follow-up, the method provided significantly improved parameters regarding the symptom scores and voiding characteristics and similar BPH tissue removal capabilities.



**3. Acordarea Best Poster pentru lucrarea *Two-year prospective, randomized comparison between the bipolar plasma enucleation of the prostate and open prostatectomy in BPH cases over 80 mL*** (Autori: Bogdan Geavlete; Florin Stanescu; Catalin Iacoboaie; Petrisor Geavlete). (Foto 19, 20, 21 și 22)



Foto 19. Prof.dr. P.Geavlete explicând detalii în fața posterului *Two-year prospective, randomized comparison between the bipolar plasma enucleation of the prostate and open prostatectomy in BPH cases over 80 mL* (Autori: Bogdan Geavlete; Florin Stanescu; Catalin Iacoboaie; Petrisor Geavlete), premiat cu **Best Poster**.



Foto 20. Prof. Mostafa M. Elhilali (Canada) și dr. Lori B. Lerner (USA), au condus sesiunea de postere în care lucrarea **Two-year prospective, randomized comparison between the bipolar plasma enucleation of the prostate and open prostatectomy in BPH cases over 80 mL**, prezentată de prof. P. Geavlete, a fost distinsă cu **Best Poster**.

**1991**

**TWO-YEAR PROSPECTIVE, RANDOMIZED COMPARISON BETWEEN THE BIPOLAR PLASMA ENUCLEATION OF THE PROSTATE AND OPEN PROSTATECTOMY IN BPH CASES OVER 80 ML**

**Bogdan Geavlete, Florin Stanescu, Catalin Iacoboaie, Petrisor Geavlete**  
Department of Urology, "Saint John" Emergency Clinical Hospital, Bucharest, Romania

**ABSTRACT**

**Introduction & objectives:** The long-term prospectively randomized trial aimed to evaluate the safety of the bipolar plasma enucleation of the prostate (BPEP) compared to open transvesical prostatectomy (OP) in cases of large adenomas concerning the quality of life, perioperative morbidity and follow-up parameters. **Methods:** 140 large benign prostatic hyperplasia (BPH) patients with average volume over 80 mL, maximum flow rate (Qmax) below 10 mL/s and International Prostate Symptom Score (IPSS) > 19 were randomized to the 2 study arms. 70 cases each. All patients were assessed prospectively and every 6 months after surgery for a period of 2 years by IPSS, Qmax, quality of life (QoL), perioperative morbidity, urinary retention, PVR, postoperative continence and satisfaction.

**Results:** The two series were characterized by similar preoperative parameters, including the prostate volume (122.6 versus 128.7 mL). The BPEP group demonstrated a significantly smaller mean surgical time (91.4 versus 87.3 minutes) and a lower mean weight of resected tissue (129.2 versus 174.9 grams). The postoperative morbidity was significantly lower in the BPEP group (12.9% versus 21.4% in OP). The mean hemoglobin drop was significantly lower in the BPEP group (1.7 versus 3.1 g/dL) and the mean PVR was significantly lower in the BPEP group (3.9% versus 12.9% in OP). The mean hemoglobin drop was significantly lower in the BPEP group (1.7 versus 3.1 g/dL) and the mean PVR was significantly lower in the BPEP group (3.9% versus 12.9% in OP). The mean hemoglobin drop was significantly lower in the BPEP group (1.7 versus 3.1 g/dL) and the mean PVR was significantly lower in the BPEP group (3.9% versus 12.9% in OP). The mean hemoglobin drop was significantly lower in the BPEP group (1.7 versus 3.1 g/dL) and the mean PVR was significantly lower in the BPEP group (3.9% versus 12.9% in OP).

**OBJECTIVES**

To evaluate the viability of the bipolar plasma enucleation of the prostate (BPEP) by comparison to open transvesical prostatectomy (OP) in cases of large prostates (over 80 ml) from the perspectives of surgical efficacy, perioperative morbidity and follow-up parameters.

**RESULTS**

Preoperative parameters	BPEP	OP
Mean operation time (min)	91.4	87.3
Calculated prostate volume (g)	122.6	128.7
Resected tissue weight (g)	129.2	174.9
Mean hemoglobin drop (g/dL)	1.7	3.1
Postoperative morbidity (%)	12.9	21.4
Mean PVR (%)	3.9	12.9

**CONCLUSIONS**

BPEP represents a promising endoscopic approach in large BPH cases, characterized by good surgical efficiency and similar BPH tissue removal capabilities when compared to standard open prostatectomy. Plasma enucleation patients benefited from significantly reduced complications, shorter convalescence period and satisfactory long term follow-up symptom scores and voiding parameters.

**METHODS**

140 BPH patients (Qmax < 10 ml/s, Prostate Volume > 80 ml, IPSS > 19)

Preoperative and every 6 months after surgery for a period of 2 years

BPEP (70) vs Open prostatectomy (70)

IPSS, Qmax, QoL, PVR

Plasma enucleation of the median lobe, Devoident enucleation of the right lateral lobe, Recurrent enucleation of the lateral lobes

Large prostatic foci with smooth capsule, Hemorrhoids and macroliths of adenomatous tissue

Foto 21. Posterul **Two-year prospective, randomized comparison between the bipolar plasma enucleation of the prostate and open prostatectomy in BPH cases over 80 mL** (Autori: Bogdan Geavlete; Florin Stanescu; Catalin Iacoboaie; Petrisor Geavlete) postat la locul destinat **Best Posters**.

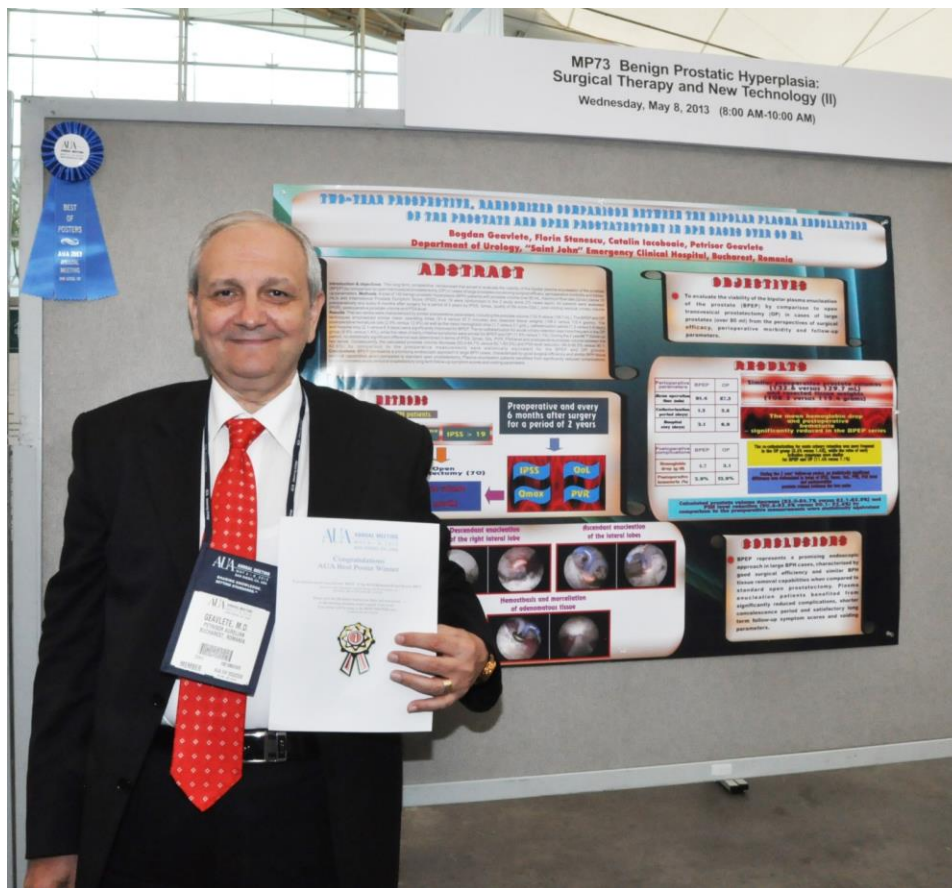


Foto 22. Prof. P.Geavlete în fața posterului premiat.

Trebuie să subliniem că toate lucrările susținute din partea clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București au primit aprecieri deosebite subliniate de discuțiile cu participanții din sală și cu moderatorii.

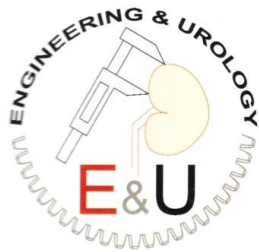
Analiza de final a acestui aspect al participării științifice a clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București (lucrări prezentate în sesiunile principale de comunicări sau postere) subliniază prezența la cel mai înalt nivel a experienței din această clinică.

#### **4. Lucrări acceptate și prezentate la Engineering and Urology Society (EUS)**

Și în acest an, Engineering and Urology Society (EUS) a avut o prezență de înalt nivel, fiind afiliată Asociației Americane de Urologie (AUA).

Cea de a 28-a întâlnire anuală EUS, 4 Mai 2013, San Diego, a avut și în 2013 [privitor la Educația medicală continuă (EMC)], o susținere importantă: Asociația Americană de Urologie - Educație & Cercetare, Inc. (AAUEC) este acreditată de Consiliul de Acreditare pentru Educație Medicală Continuă (CAEMC) care oferă educație medicală continuă pentru personalul medical. Astfel, numărul de credite: AUA - Educație & Cercetare, Inc. oferite sunt la un maximum de 8.25 credite AMA PRA Categoria 1, acestea fiind date medicilor proporțional cu gradul de participare la această activitate. AAUEC și-a asumat responsabilitatea pentru conținutul, calitatea și acuitatea științifică a acestei activități EMC.

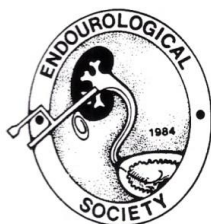
Din partea clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București, au fost prezentate două postere: ***A prospective comparison between NBI and standard white light cystoscopy in cases of non-muscle invasive bladder cancer*** (Bogdan Geavlete, Marian Jecu, Florin Stanescu, Cristian Moldoveanu, Leon Adou, Petrisor Geavlete), ***Continuous versus conventional bipolar plasma vaporization of the prostate and standard monopolar resection – A randomized comparison of a new technological advancement*** (Bogdan Geavlete, Florin Stanescu, Cristian Moldoveanu, Marian Jecu, Leon Adou, Petrisor Geavlete). (Foto 23, 24, 25 și 26)



**ENGINEERING AND UROLOGY SECTION  
OF THE ENDOUROLOGICAL SOCIETY**

**28th Annual Meeting**  
Saturday, May 4, 2013  
San Diego Marriott Marquis  
Marina Ballroom E  
San Diego, California

George R. Nagamatsu, M.D.  
Founder, Society for Urology and Engineering



# JOURNAL OF ENDUROLOGY

**EDITORS:**  
Ralph V. Clayman, M.D.  
Arthur D. Smith, M.D.

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Foto 23. Engineering and Urology Section of the Endourological Society (28th Annual Meeting) – Journal of Endourology. Editors: Ralph Clayman (USA) și Arthur Smith (USA).

<b>FRUGKAM</b>		<b>Moderators</b> Louis Kavoussi Dan Stoianovici
<b>POSTER SESSION 1B</b> 1:00 PM – 2:30 PM		
21	BEVELED NEEDLE TRAJECTORY CORRECTION <b>TOP 10 ABSTRACT</b>	Changhan Jun
22	WIRELESS TISSUE PALPATION TO LOCALIZE RENAL MASSES: PRELIMINARY ASSESSMENT ON LAPAROSCOPIC TRAINER MODEL	Aaron Benson
23	ENDOSCOPIC FORCEPS FOR URETEROSCOPY: A COMPARATIVE IN VITRO ANALYSIS	Giovanni Marchini
24	INITIAL INVESTIGATION OF A 2450 MHZ MICROWAVE SYSTEM FOR ABLATION OF RENAL TISSUES	Karli Pease
25	ANTHROPOMETRIC RENAL ANATOMIC ALTERATIONS BETWEEN SUPINE AND PRONE POSITIONS IN PERCUTANEOUS RENAL ABLATION FOR RENAL CORTICAL NEOPLASMS	Achim Lusch
26	TRANSPERINEAL OPTIMIZED PROSTATE (TOP) BIOPSY	Georgios Sakas
27	NEW PROTOTYPE CHIP ON THE TIP DIGITAL FLEXIBLE URETEROSCOPE: FIRST CLINICAL FEASIBILITY STUDY.	Shashikant Mishra
28	ROBOT-ASSISTED LAPAROSCOPIC SACROCOLPOPEXY IN PATIENTS WITH PRIOR TRANSVAGINAL REPAIR OF PELVIC ORGAN PROLAPSE	Farshid Hajimirzaee
29	EVALUATION OF A NOVEL DISPOSABLE DIGITAL CYSTOSCOPE	Joseph V Ditrolio
30	EXTRACORPOREAL SHOCK WAVE LITHOTRIPSY (ESWL) COMPLICATIONS DEPENDING ON THE SHOCK WAVE RATE AND NUMBER	Catalin Maria
31	A NERVE COMPRESSION DEVICE AND ELECTROPHYSIOLOGICAL RECORDING OF NERVE RESPONSE TO PRESSURE COMPRESSIONS	Andrew Asmus
<i>28<sup>th</sup> EUS Annual Meeting, May 4, 2013, San Diego, CA</i>		Page 11 of 101

Foto 24. Engineering and Urology Section of the Endourological Society – Poster Session 1B. Moderators: Louis Kavoussi (USA) și Dan Stoianovici (USA).

PROGRAM		
32	GREENLIGHT HPS-120W VS GREENLIGHT XPS-180W LASER VAPORIZATION OF THE PROSTATE FOR BENIGN PROSTATIC HYPERPLASIA: A GLOBAL, MULTI-CENTER, AND PROSPECTIVE COMPARATIVE ANALYSIS OF OPERATIVE PERFORMANCE	Pierre-Alain Hueber
33	LASER ACTIVATED NANOSHELL ABLATION OF PROSTATE CANCER: A PILOT STUDY IN HUMANS	Joshua Stern
34	A NOVEL SYSTEM TO MEASURE FORCE ON PERINEAL ARTERIES DURING BICYCLING	Sujeeth Parthiban
35	EVALUATION OF ACCEPTABILITY OF PHYSICAL SIMULATION MODEL FOR TRAINING OF LAPAROSCOPIC PYELOPLASTY <b>TOP 10 ABSTRACT</b>	Lauren Poniatowski
36	ROBOTIC TRANSPERINEAL SATURATION BIOPSY APPROXIMATES THE "TRUTH" IN DEFINING LOW-RISK PROSTATE CANCER	Kae Jack Tay
37	CONTINUOUS VERSUS CONVENTIONAL BIPOLAR PLASMA VAPORIZATION OF THE PROSTATE AND STANDARD MONOPOLAR RESECTION - A RANDOMIZED COMPARISON OF A NEW TECHNOLOGICAL ADVANCEMENT	Bogdan Geavlete
38	THE CHARACTERISTICS OF MICROCIRCULATION IN RENAL CELL CARCINOMA BY CONTRAST-ENHANCED ULTRASOUND (CEUS)	Maeda Motohiro
39	A PROSPECTIVE COMPARISON BETWEEN NBI AND STANDARD WHITE LIGHT CYSTOSCOPY IN CASES OF NON-MUSCLE INVASIVE BLADDER CANCER	Bogdan Geavlete
40	IN VITRO COMPARISON OF A NOVEL FACILITATED ULTRASOUND TECHNOLOGY AND STANDARD ULTRASOUND FOR PERCUTANEOUS RENAL BIOPSY <b>TOP 10 ABSTRACT</b>	Asleigh Menhadji

Foto 25. Cele 2 postere (37 și 39) din programul final cu autor principal dr. Bogdan Geavlete (***A prospective comparison between NBI and standard white light cystoscopy in cases of non-muscle invasive bladder cancer, Continuous versus conventional bipolar plasma vaporization of the prostate and standard monopolar resection – A randomized comparison of a new technological advancement***).

Prof.dr. P.Geavlete a prezentat cele două postere care au fost foarte apreciate. (Foto 26, 27 și 28).



Foto 26. Prof.dr. P.Geavlete în fața posterului ***A prospective comparison between NBI and standard white light cystoscopy in cases of non-muscle invasive bladder cancer.***





Foto 27. Prof.dr. P.Geavlete, dr. Jack Vitenson (USA) și prof. Dan Stoianovici (USA) - Chairman.



Foto 28. Prof.dr. P.Geavlete și prof. Louis Kavoussi (USA) – Chairman la una dintre sesiunile de postere.

## 5. Două prezentări la Olympus Booth, AUA 2013

Anul 2013 reprezintă un moment de vârf tehnologic mai ales în endourologie. Ca de obicei, expoziția americană de tehnologie și modalități de investigație și tratament de ultimă oră din domeniul urologic a atras pe marea majoritate a participanților la congresul AUA. Conform tradiției, Booth Olympus a organizat în cadrul unui spațiu expozițional extrem de generos prezentări cu tehnici foarte moderne, unele inovative în domeniul endourologiei. Astfel (Foto 29) au fost nominalizați de compania Olympus (una dintre cele mai mari companii din lume în domeniul aparatului și a instrumentelor endourologice) dr. Daniel Canter, dr. Fernando Kim, dr. Douglas Dahi și prof.dr. Petrișor Geavlete pentru a susține prezentări la stand.

OLYMPUS®		ATTEND OUR 2013 AUA NEW TECHNOLOGY PRESENTATIONS	
IN-BOOTH		LIVE SURGERY PLENARY HALL A	
<b>Saturday &amp; Sunday, May 4 &amp; 5</b>		<b>Monday, May 6</b>	
12:30 – 1:00 <b>Dr. Daniel Canter</b> Fox Chase Cancer Center Philadelphia, PA Bladder Cancer Bipolar Vaporization – A Novel Technique		12:30 – 1:00 <b>Dr. Petrisor Geavlete</b> St. John Emergency Hospital, Romania PlasmaButton™ Prostatectomy – A Step in the Right Direction for Large Prostates	
3:00 – 3:30 <b>Dr. Fernando Kim</b> University of Colorado, Denver 3D Pyeloplasty with THUNDERBEAT		2:00 – 2:30 <b>Dr. Petrisor Geavlete</b> St. John Emergency Hospital, Romania PlasmaButton™ Vaporization – A Clear Sky in BPH Electrosurgery	
		<b>Wednesday, May 8</b>	
		6:30–7:30 AM <b>Dr. Douglas M. Dahl</b> Laparoscopic Partial Nephrectomy	

Foto 29. Structura Programului de prezentări științifice promoționale la standul Olympus (Prof.dr. Petrișor Geavlete, cu două prezentări, State of the Art **PlasmaButton™ Prostatectomy – A Step in the Right Direction for Large Prostates** și **PlasmaButton™ Vaporization – A Clear Sky in BPH Electrosurgery**)

Prima prezentare, **PlasmaButton™ Prostatectomy – A Step in the Right Direction for Large Prostates** a suscitat un real interes, prezența la stand (și nu numai!) dar și discuțiile au subliniat valoarea noii metode și mai ales, perspectivele deja demonstrate de studii unanim recunoscute. (Foto 30 și 31)



Foto 30. Prof.dr. P.Geavlete prezentat la începutul dizertației **PlasmaButton™ Prostatectomy – A Step in the Right Direction for Large Prostates** de către șeful Olympus pe USA (Brian Williams).



Foto 31. Imagine de ansamblu de la standul Olympus din timpul prezentării prof.dr. P.Geavlete (***PlasmaButton™ Prostatectomy – A Step in the Right Direction for Large Prostates***).

A doua dizertație a avut ca temă: ***PlasmaButton™ Vaporization – A Clear Sky in BPH Electrosurgery*** și a fost prezentată de prof.dr. Petrișor Geavlete. (Foto 32 și 33)



Foto 32. Aspect din timpul prezentării prof.dr. Petrișor Geavlete al celui de-al doilea State of the Art, **PlasmaButton™ Vaporization – A Clear Sky in BPH Electrosurgery**



Foto 33. Un alt aspect din timpul prezentării prof.dr. Petrișor Geavlete al celui de-al doilea State of the Art, ***PlasmaButton™ Vaporization – A Clear Sky in BPH Electrosurgery***

Trebuie să reamintim faptul că în special pentru adenomul de prostată, utilizarea plasmăi, deci folosirea mediului salin, este o procedură inovatoare cu rezultate deja încurajatoare. Societatea americană de urologie, dar mai ales compania Olympus, au considerat că descrierea tehnicii și a rezultatelor acestei metode sunt de un real interes și trebuie prezentate la un congres de o asemenea anvergură.

În acest context, implicarea unei experiențe românești care a introdus în România această tehnologie, este demn de reliefat. Și, nu în ultimul rând, trebuie amintit faptul că din nou, pentru al patrulea an consecutiv, un specialist român este acceptat la acest nivel, de fapt să reprezinte o companie cu o anvergură internațională impresionantă.

Considerăm extrem de importantă științific această prezență românească la cel mai înalt nivel, într-o companie de vârf mondial.

## ***6. Remarcarea lucrărilor clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București la Take Home Messages ale congresului AUA 2013***

Așa cum scriam și anul trecut, o mențiune cu totul specială trebuie făcută pentru sesiunile de **Take Home Messages** care, în finalul congresului, pe baza tuturor prezentărilor, au stabilit mesajele științifice cele mai importante care s-au desprins din întregul congres. Practic, persoanele cu această responsabilitate sunt nominalizate cu atenție, reprezentând în totalitate esența științifică a congresului.

Astfel, pe site-ul Congresului American de Urologie (AUA 2013) sunt deja prezente Take-Home Messages pentru cele mai importante tematici ale congresului. (Foto 34)

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  - FDA/AUA Bladder Cancer Workshop
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  - Practice Management Conference

**Plenary Sessions**

**Take Home Messages**

5/8/2013  
**Prostate Cancer**  
Presenter: Jay D. Raman, MD  
[traducido en español](#)

5/8/2013  
**Basic Science Research**  
Presenter: Hari K. Koul, MSc, PhD  
[traducido en español](#)

5/8/2013  
**Infection/Inflammation**  
Presenter: Jeannette M. Potts, MD  
[traducido en español](#)

5/8/2013  
**Infertility/Andrology**  
Presenter: Aaron Spitz, MD  
[traducido en español](#)

5/8/2013  
**Transplantation/Vascular Surgery**  
Presenter: Daniel A. Shoskes, MD  
[traducido en español](#)

5/8/2013  
**BPH/LUTS**  
Presenter: Bruce R. Kava, MD  
[traducido en español](#)

5/8/2013  
**Minimally Invasive Surgery (Laparoscopy/Robotics)**  
Presenter: James Andrew Brown, MD  
[traducido en español](#)

5/8/2013  
**Outcomes Analysis**  
Presenter: Danil Victor Makarov, MD, MHS  
[traducido en español](#)

5/8/2013  
**Kidney Cancer**  
Presenter: Andrew A. Wagner, MD  
[traducido en español](#)

5/8/2013  
**Take Home Messages: Bladder Cancer**  
Presenter: Edmund Chiong, MD  
[traducido en español](#)

Foto 34. Official Webcasts al AUA 2013 cu menționarea celor două Take-Home Messages (BPH/LUTS și Bladder Cancer) în care au fost menționate lucrările clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București.

Primul Take-Home message în care au fost analizate lucrări realizate în clinica de urologie a spitalului clinic de urgență Sfântul Ioan București a fost prezentat pe data de 8 mai 2013, **BPH/LUTS** (Presenter: Bruce R. Kava, MD). (Foto 35)

## Take Home Messages BPH/ LUTS Abstracts 2013

106 Abstracts presented:

3 Podium sessions/4 Moderated poster sessions/2 late breaking abstracts

Encompassing a wide array of ideas and topics

High levels of evidence: 7 RCTs, 1 meta-analysis

Take home messages:

- Medical and hormonal therapy
- Epidemiology and Natural History/Evaluation & Markers
- Surgical Therapy and New Technology
- BPH/LUTS: Basic science research



Foto 35. În Take-Home Messages dedicat BPH/LUTS și susținut de dr. Bruce Kava, s-au analizat 106 abstracte (3 Podium sessions, 4 Moderated poster sessions, 2 Late breaking abstracts).

Cu această ocazie, a fost analizată lucrarea ***Three-year prospective, randomized comparison of the bipolar plasma vaporization of the prostate, monopolar and bipolar resection in medium size BPH patients*** (Autori: Bogdan Geavlete; Razvan Multescu; Georgescu Dragos; Florin Stanescu; Marian Jecu; Cristian Moldoveanu; Petrisor Geavlete). Avantajele acestei metode o recomandă ca alternativă la rezecția monopolară sau chiar bipolară pentru tratamentul endoscopic al adenomului de prostată. (Foto 36)



## Surgery for BPO take home messages

## Level 1 evidence from AUA 2013

Randomized Controlled Trials:



1965: Geavlete B, et al:

Bipolar Plasma Vaporization of the Prostate (BPVP) vs. Bipolar TURIS vs TURP

- 510 patients with LUTS, prostate vol 30-80ml, Qmax <10, IPSS >19
- 3 year follow up
- BPVP outperformed TURIS and TURP in: operative time, intraop bleeding, hospital stay, catheterization time, transfusion requirements

	BPVP	TURIS	TURP
Irritative symptoms (%)	12.4	11.2	10.6
IPSS at 36 mos	5.4	8.6	8.7
Qmax at 36 mos	23.2	20.2	19.5
BN contracture (%)	1.8	4.7	5.3
Retreated (%)	1.8	4.7	5.3

Foto 36. Level of evidence 1. Este o apreciere excepțională pentru lucrarea ***Three-year prospective, randomized comparison of the bipolar plasma vaporization of the prostate, monopolar and bipolar resection in medium size BPH patients*** (Autori: Boğdan Geavlete; Razvan Multescu; Georgescu Dragos; Florin Stanescu; Marian Jecu; Cristian Moldoveanu; Petrisor Geavlete) la congresul american de urologie.

Un alt Take-Home message în care au fost analizate și lucrări realizate în clinica de urologie a spitalului clinic de urgență Sfântul Ioan București a fost susținut de dr. Edmund Chiong (Director of Urologic Oncology, National University Health System, Singapore). El a prezentat concluziile congresului pentru **Bladder Cancer** pe data de 8 mai 2013. (Foto 37)

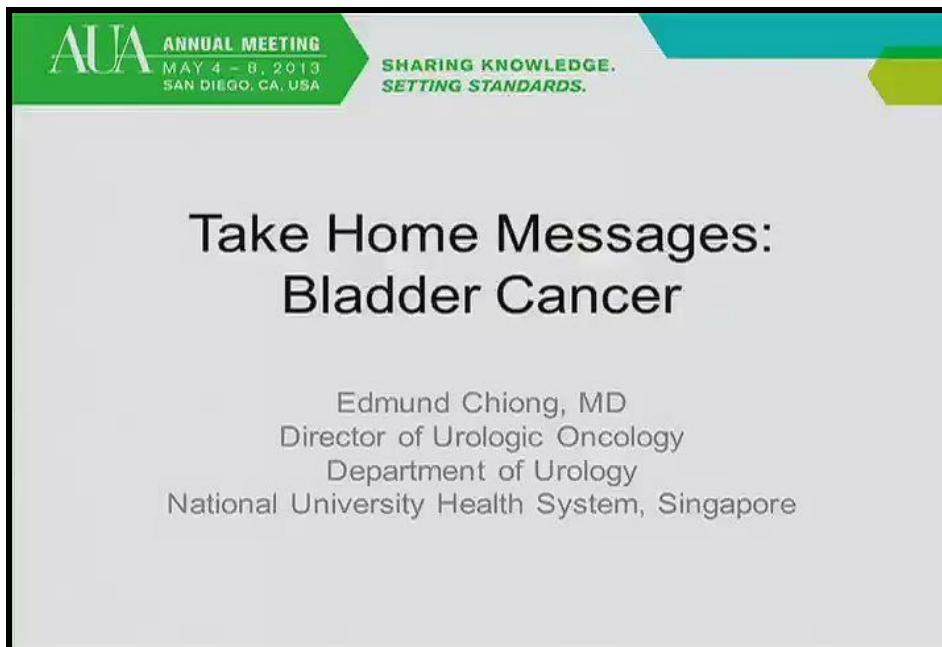


Foto 37. Take-Home Messages pentru Bladder Cancer (Edmund Chiong (Director of Urologic Oncology, National University Health System, Singapore).

S-au analizat peste 230 de abstracte din sesiunile: Urothelial Cancer: Natural History, Markers & Pathophysiology, Detection & Screening, Superficial, Invasive, Metastatic Disease / Staging, Basic Research, Bladder Oncology, Quality of Life. (Foto 38)

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Sessions:

- Urothelial Cancer: Natural History, Markers & Pathophysiology
- Detection & Screening
- Superficial
- Invasive
- Metastatic Disease / Staging
- Basic Research
- Bladder Oncology
- Quality of Life

Foto 38. Analiza sesiunilor despre Bladder Cancer (peste 230 de abstracte evaluate)

Cu această ocazie, au fost menționate în mod cu totul special lucrările 1279: ***Four-year non-muscle invasive bladder cancer recurrence rates - A prospective, randomized comparison between hexaminolevulinate blue light and standard white light cystoscopy*** (Autori: Bogdan Geavlete; Razvan Multescu; Dragos Georgescu; Marian Jecu; Florin Stanescu; Cristian Moldoveanu; Petrisor) și 1280: ***Three-year impact of combined narrow band imaging cystoscopy and bipolar plasma vaporization in large non-muscle invasive bladder tumors' cases - A prospective, randomized comparison to the standard approach*** (Autori: Bogdan Geavlete; Florin Stanescu; Razvan Multescu; Dragos Georgescu; Cristian Moldoveanu; Marian Jecu; Petrisor Geavlete). (Foto 39)

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- **#1279:** A prospective, randomized study (n=362) showed that flourescence cystoscopy had significantly improved detection rate, and lower recurrence rate up to 4-years, compared to WLC.
- **#1293:** A meta-analysis showed that flourescence cystoscopy added to WL cystoscopy, significantly increases tumor detection and reduces recurrence rates at 12 months (34.5% BL vs 45.4% WL).
- **#1280:** RCT of NBI cystoscopy and bipolar plasma vaporization (BPV) significantly improved diagnostic accuracy, decreased Re-TUR residual tumor rate, and reduced 3-year (16.3% vs 33.3%) recurrence rates, when compared to WLC and monopolar TUR.

Foto 39. Menționarea în cadrul Take-Home Messages la Non-Muscle-Invasive-Bladder-Cancer (NMIBC) a celor două lucrări din clinica de urologie a spitalului clinic de urgență Sfântul Ioan București: 1279: ***Four-year non-muscle invasive bladder cancer recurrence rates - A prospective, randomized comparison between hexaminolevulinate blue light and standard white light cystoscopy*** (Autori: Bogdan Geavlete; Razvan Multescu; Dragos Georgescu; Marian Jecu; Florin Stanescu; Cristian Moldoveanu; Petrisor) și 1280: ***Three-year impact of combined narrow band imaging cystoscopy and bipolar plasma vaporization in large non-muscle invasive bladder tumors' cases - A prospective, randomized comparison to the standard approach*** (Autori: Bogdan Geavlete; Florin Stanescu; Razvan Multescu; Dragos Georgescu; Cristian Moldoveanu; Marian Jecu; Petrisor Geavlete).

Menționarea lucrărilor realizate și prezentate din partea clinicii de urologie a spitalului clinic de urgență Sfântul Ioan București (1279, 1280 și 1965) este, din nou, un fapt remarcabil la un asemenea nivel științific (trebuie amintit congresul american de urologie anterior în care am avut aceeași onoare). Din nou valoarea ***blue light cystoscopy, narrow band imaging and bipolar plasma vaporization și use of fluorescence cystoscopy*** au fost mesaje importante pentru auditoriu.

**Și în acest an, lucrările trimise și acceptate la AUA 2013 au avut drept autor principal pe dr. Bogdan Geavlete, tânăr urolog cu potențial și realizări absolut remarcabile la nivel național și internațional. Finalizarea studiilor, realizarea abstractelor și a prezentărilor de la Olympus booth au avut la bază efortul deosebit al acestui urolog de mare perspectivă.**

În final considerăm că enumerarea și descrierea succintă a acestor realizări de excepție la unul dintre cele mai mari și importante congrese de urologie din lume, congresul american de urologie, reliefează o muncă extrem de susținută, bazată pe cea mai nouă tehnologie. Tehnologie care își găsește un loc de cinste la Congresul American de Urologie!

Profund atașați de locul de formare, de școala românească de medicină, de specialitatea urologie, menționarea prezenței științifice românești la acest nivel este un fapt extrem de onorant, demn de menționat în paginile unei publicații de excepție.