

Standpoint

for a competition for tenure of the academic position of Professor in the speciality of Urology for the needs of ES Urology at the Department of Surgery, Faculty of Medicine, of the Medical University “Prof. Paraskev Stoyanov” of Varna

Concerning:

the announced competition for tenure of the academic position of professor in the field of higher education No 7 Public health and sports, professional trend No 7.1 Medicine and scientific speciality of Urology for the needs of the Faculty of Medicine, Department of Surgery, ES Urology of the Medical University “Prof. Paraskev Stoyanov” of Varna and the Clinic of Urology at St. Marina University Hospital of Varna published in State Gazette No 14/February 18, 2022.

Candidate: Assoc. Prof. Deyan Anakievski, MD, PhD

The stand point is prepared by:

Assoc. Prof. Tosho Ganev, MD, PhD, head of Clinic of Urology at MHAT “Sveta Anna-Varna”, head of ES Urology at the Department of Surgery, Faculty of Medicine of the Medical University “Prof. Paraskev Stoyanov” of Varna, chairman of the Scientific jury according to Order No R-109-165/April 14, 2022 of the Rector of the Medical University “Prof. Paraskev Stoyanov” of Varna.

Concise biographic data:

Assoc. Prof. Deyan Anakievski, MD, PhD was born on October 06, 1979 in the town of Delchevo, North Macedonia. He graduated at the Foreign language secondary school in Delchevo. In 2004 he obtained his medical degree at the Medical University “Prof. Paraskev Stoyanov” of Varna. From 2004 until 2007 he was a General Surgery resident at the Medical University of Varna, from 2008 until 2013 – urology resident at the same university. In 2013 he acquired the speciality of “Urology”. In 2012 he started PhD training on a self-study basis at ES Urology, the Department of Surgery of the Medical University – Varna. In 2015 he defended a dissertation on the theme “Evaluation and validation of some preoperative and postoperative prognostic models of Prostate cancer”.

Professional development:

Assoc. Prof. Deyan Anakievski started his medical practice in Medlux Ltd., Varna, in 2006. From 2007 he works in St. Marina University Hospital of Varna. Throughout his career, he has made constant efforts to improve his professional skills while mastering and applying new operational techniques. Over the years, the candidate attended the following courses:

2009 – Training Course on Invasive Bladder Cancer and Urinary Diversion Techniques. Mansoura University, Egypt.

2009 – Ongoing medical education “Oncourology”. Medical University “Prof. Paraskev Stoyanov” of Varna.

2010 – ESU Course “Retropubic radical prostatectomy – tips, tricks and pitfalls”. Barcelona, Spain.

2010 – ESU Course “Laparoscopy for beginners”. Barcelona, Spain.

2011 – Certification to work with sources of ionizing radiation. Third level. Naval academy „N. Y. Vapzarov“, Varna.

2011 – EACCME. European Medical Urology Expert. Prague, Czech Republic.

2012 – EAU . Education Programme “Olympus Hands-On-Training dry lab course on laparoscopy”. Prague, Czech Republic.

2012 – EBU. Written Examination in Urology.

2013 – Individual training "Ultrasound of abdominal organs". St. Marina University Hospital of Varna.

2013 – Training by Prof. Dr. Evangelos Liatsikos on Prone PCNL and URS. University of Patras, Greece.

2013 – Ongoing medical education – Individual training "Ultrasound of abdominal organs. Medical University “Prof. Paraskev Stoyanov” of Varna.

2015 – Pelvic Floor Reconstruction and Female Incontinence Surgery Workshop. Rome, Italy.

2015 – Course “Basic and Advanced Techniques in Laparoscopic Urology, Prostatectomy, EERPE”. Laparoscopy - Training Centre. University of Leipzig, Germany.

2015 – Vista - Collaboration and Learning Program “Exploring Modes of Treatment for UTUC”. Barcelona, Spain.

2016 – Vista - Education and Training. Flexible URS, Prone and Supine PCNL Course. Milan, Italy.

2016 – EBU. Medical Expert Training URS Experts. Amsterdam, Netherland.

2018 – Live Surgery – Supine PCNL and ECIRS Course. The Royal Free Hospital, London, UK.

2018 – Advance Laparoscopy and Academic Debates – University of Barcelona, School of Medicine, Barcelona, Spain.

2019 – da Vinci Surgical System Off-Site Training Program for a da Vinci Console Surgeon. da Vinci System Xi. da Vinci Training Center EU Direct: IRCAD (Strasbourg, France).

Academic development:

Assoc. Prof. Deyan Anakievski was assistant professor from 2015 until 2017 in St. Marina University Hospital of Varna – Clinic of Urology. From 2017 – until now – he is associate professor and head of Clinic of Urology in the same hospital.

Scientometric indicators:

Assoc. Prof. Deyan Anakievski participates in the competition with one dissertation on the theme “Evaluation and validation of some preoperative and postoperative prognostic models of Prostate cancer”; one monograph “Recent advances in prostate cancer surgery” ; 6 full-text publications and reports in journals, abstracted and indexed in international scientific databases; 2 full-text publications in non-abstracted journals. According to the academic check-up from the Medical University of Varna, the scientific production of Assoc. Prof. Deyan Anakievski covering the minimal scientometric requirements, amounts to 212,5 points.

6 articles are presented, cited 10 times- total number of points from citations 110.

Assoc. Prof. Deyan Anakievski also participated as a Principal Investigator of a national scientific or educational project - Investigation of the dynamics of the healing processes in the periimplant tissues

by means of scintigraphy with ^{99m}Tc-MDP. Fund "Science" at Medical University Of Varna. 2016-2018.

Additionally, 2 full-text publications in scientific journals outside the minimal scientometric requirements for the academic position of "Professor" are presented.

Research activity-main trends and contributions:

The research activity of Assoc. Prof. Deyan Anakievski is mainly in the field of the operative treatment of prostate cancer (with the predominant application of laparoscopic and robotic techniques), modern operative methods for the treatment of patients with urological diseases and oncological case-reports. His scientific contributions are systematized in these three main areas:

1. Laparoscopic and robot-assisted radical prostatectomy.

Assoc. Prof. Deyan Anakievski participates in the competition with the monograph "Recent advances in prostate cancer surgery". It is the first attempt in our country to systematize the world scientific achievements in the field of surgical treatment of prostate cancer, published in 2021. Also analyzed is his own experience with laparoscopic and robot-assisted radical prostatectomy. The study covers a total of 201 consecutive prostate cancer patients hospitalized in the Clinic of Urology, St. Marina University hospital of Varna between 2019 and 2020. Assoc. Prof. Deyan Anakievski convincingly proves a series of essential advantages of robot-assisted over laparoscopic prostatectomy (and especially over the open technique) in patients with advanced prostate cancer.

2. Modern operative methods for the treatment of patients with urological diseases.

In March 2017 Assoc. Prof. Deyan Anakievski performed in the Clinic of Urology, St. Marina University hospital of Varna, the first laparoscopic cryoablation of renal tumors in Bulgaria. The fifth generation device METRUM CryoFlex Cryo S Electric II was used. The method was applied to two adult patients with small tumors in the right kidney who underwent laparoscopy with a transperitoneal approach, with minimal blood loss and duration of the operation of only 50 (respectively 90) minutes, and without any postoperative complications. The contrast-enhanced CT-scan revealed necrosis of the tumors the day after surgery.

Assoc. Prof. Deyan Anakievski achieves very good postoperative results in the treatment of problematic patients with urological diseases –for example over a six-year period 37 pregnant women with a mean age of 31.8 years with persistent renal colic and hydronephrosis were examined. Successful treatment with ureteroscopy without fluoroscopy was performed within delayed urgency during the pregnancy. Semi-rigid or flexible ureteroscope was used under general or spinal anesthesia. The stones were fragmented with the help of Ho:YAG laser and stents were inserted in the end of the procedures. Assoc. Prof. Deyan Anakievski also successfully used laparoscopic transperitoneal ureteroureterostomy combined with retrograde flexible ureteroscopic assistance for the treatment of ureteral strictures. He has extremely extensive experience with retrograde intrarenal laser surgery. This method is one of the most modern for the treatment of kidney stones and was performed on 324 patients in two specialized university urological clinics in Varna and Sofia.

3. Oncological case-reports.

Assoc. Prof. Deyan Anakievski describes several extremely rare cases of oncological diseases which are important contribution to urological oncology -11 months old boy with classical type of

congenital mesoblastic nephroma, 15 years old girl with renal hemangiopericytoma, invasive well-differentiated bladder leiomyosarcoma.

Recognition for the success of Assoc. Prof. Deyan Anakievski are the numerous awards he has won:

2008 – Best Presenter Award in the Nephrology/Urology – Session 21 Zondek Prize – Third Award of the 19th European Students' Conference Berlin, Germany.

2008 – Third Richard Wolf Award for best poster presentation at the 4th South-Eastern Meeting of EAU (SEEM). Tirana, Albania.

2009 – Second Karl Storz Award for best poster presentation at the EAU 5th South Eastern European Meeting (SEEM). Belgrade, Serbia.

2013 – Award for the Best Poster Presentation of the 5th Uro-oncology Winter Congress. Skopje, Macedonia.

2016 – South East European Urologi Days. Vienna.

2021 – Reward of Bulgarian Medical Association for contribution to medicine: "Contribution to the development and application of innovative medicine and unique techniques".

Participation in scientific conferences:

Assoc. Prof. Deyan Anakievski often participates in various scientific events, where he demonstrates the excellent results of his extensive practical activity. This sharing of professional experience contributes to his development as a doctor, skilled lecturer and teacher - it also contributes to the development of the entire urological community. Below we provide only a short list of the most important events in which he took part:

- South-Eastern Meeting of EAU (SEEM), Tirana, 2008; Belgrade, 2009; Istanbul, 2010; Skopje, 2011; Sofia, 2012; Thessaloniki, 2013; Belgrade, 2014.

- SIU World Uro- Oncology Update. Santiago, 2008.

- Annual EAU Congress. Stockholm, 2009; Barcelona, 2010; Vienna, 2011; Stockholm, 2014.

- Congress of SIU. Shanghai, 2009; Berlin, 2011; Fukuoka, 2012;

- St. Peter's State of the Art in Urology. London, 2010.

- Meeting of the EAU Section of Oncological Urology (ESOU). Hamburg, 2012; Rome, 2013.

- Androforum – Mirroring advances and controversis in andrology. Warsaw, 2012.

- Third International Symposium on Adipobiology and Adipopharmacology (ISAA). Burgas, 2012.

- Meeting of the EAU Section of Genito-Urinary Reconstructive Surgeons (ESGURS). Istanbul, 2012.

- Meeting "Endourology and Minimally Invasive Surgery". Sofia, 2013, 2014, 2015, 2016.

- Annual Assembly of IMAB "Infections and Cancer". Varna, 2013.

- Scientific conference on the topic: "Malignant tumors of the genitourinary system". Novelties from American Society of Clinical Oncology (ASCO). Pravetz, 2013.

- Congress of the Societe Internationale D'Urologie. Vancouver, 2013.

- World congress on Videourology. Sofia, 2014.

- 9th Meeting Endourology and Minimally Invasive Surgery. Sofia, 13-14 April 2018.
- The European Congress of Laparoscopy and Robotics. Challenges in Laparoscopy & Robotics. Leipzig, Germany, 28-29-30 June 2018.
- 9th South-East European Conference of Chemotherapy for Infection and Cancer. Sarajevo, 11-14 October 2018.
- Balkan Congress of urology. Ohrid, Macedonia, 05-07.04.2019.
- 10th Symposium "Endourology and minimally invasive surgery". Sofia, 12-13 April 2019.
- 10th South-East European Conference on Chemotherapy, Infection and Cancer. Budva, Montenegro, 17-20 October 2019.
- Online Symposium of Balkan Association of Urology (BAU). 15-16 May 2021.
- 11th South-East European Conference on Chemotherapy, Infection and Cancer and 31st Annual Assembly of the International Medical Association Bulgaria (IMAB). Plovdiv, Bulgaria, 28-31 October 2021.
- 41st Congress of the Societe Internationale d'Urologie. Featuring the 6th Global Nurses' Educational Symposium. In conjunction with 10th Emirates International Urological Conference. Dubai, UAE, 10-14 November 2021.

Teaching and lecturer's activity:

According to the check-up about the teaching loading Assoc. Prof. Dr. Anakievski began his teaching activity at Medical University of Varna on April 06, 2015. He is currently lecturing and conducting practical exercises for English-speaking students. His doctoral students are Dr. Inna Gocheva, Dr. Pavel Abushev, Dr. Doychin Nikolov and Dr. Rostislav Marinov. Under his guidance Dr. Alexander Sandulov has already defended a dissertation for the acquisition of the educational and scientific degree of PhD. Currently under the training of Assoc. Prof. Dr. Anakievski are the residents Dr. Viktor Nikolov, Dr. Doychin Nikolov and Dr. Ivo Magardichian. Dr. Pavel Abushev and Dr. Inna Gocheva, supervised by Assoc. Prof. Anakievski, have already become specialists in urology.

Membership in professional organizations:

Assoc. Prof. Deyan Anakievski is a member of the following professional and scientific organizations:

From 2005 – Bulgarian Medical Association, Reg. No 3023/14.09.200

From 2007 – Bulgarian Association of Urology

From 2008 – Member of the European Association of Urology

From 2010 – International Young Urology Assotiation

From 2013 – Bulgarian Association of Young Urologists

From 2018 – Member of the Endourological Society

As a prominent specialist in his field, Assoc. Prof. Deyan Anakievski is engaged in various expert and social activities:

2019-2021 – Member of the Expert Council of the Minister of Health. XXXXII. Expert Council in the medical speciality "Urology";

2021 - Member of the Board of Directors of Bulgarian Association of Urology;

2018-until now – Member of the Editorial Board of “Uronet” Journal – Official journal of Bulgarian Association of Urology;

2019 – Member of the organizing committees of the XIIIth and XVth National Congresses of Urology. Pravetz, Bulgaria;

2019 – Member of the organizing committee of the 24th National Symposium on Urology and Endourology. Sandanski, June 6-8;

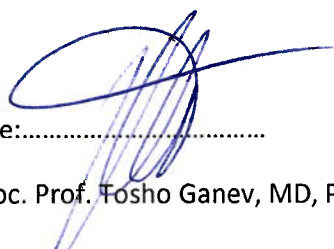
2019 – Lecturer at the Pfizer Academy. Training module for medical doctors. Burgas, June 7-8;

2021- until now – Member of the Editorial Board of “Clinical Urology” Journal – Scientific publication of the Urology and Andrology Foundation;

Conclusion:

The aforementioned facts are only the most important moments in the rich biography of Assoc. Prof. Dr. Anakievski, MD, PhD. They convincingly prove that the candidate has extensive practical experience in his speciality, he also has mastered many operational techniques, some of which he introduced for the first time in Bulgaria. His numerous publications, which are also the subject of foreign citations, are an expression of his excellent theoretical training and his multifaceted scientific interests. Assoc. Prof. Deyan Anakievski MD, PhD meets all the requirements for tenure of the academic position of “Professor”.

Varna, May 26, 2022

Signature:.....

Assoc. Prof. Tosho Ganev, MD, PhD