

University of Novi Sad, Faculty of Medicine Novi Sad
Clinical Center of Vojvodina, Clinic of Urology

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HISTORY OF CLINIC OF UROLOGY, CLINICAL CENTER OF VOJVODINA

ISTORIJA KLINIKE ZA UROLOGIJU KLINIČKOG CENTRA VOJVODINE

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Summary

December 2017 is the 65th anniversary of the establishment of Urology Clinic of the Clinical Center of Vojvodina. It is a long enough period of time to accomplish high goals set by the Urology Division as far back as in 1952. For more than a half of the century, our urologists have been following modern tendencies in diagnostics and treatment of the diseases of urogenital system. Today, we can proudly say that diagnostic and therapeutic approach to urogenital diseases in our environment has evolved greatly over this period and does not lag behind the one that is accepted worldwide.

Key words: History of Medicine; History, 20th Century; History, 21st Century; Urology; Urologic Diseases; Clinical Competence; Hospitals; Physicians; Famous Persons; Societies, Scientific

Sažetak

Decembra 2017. navršava se 65 godine postojanja i rada Klinike za urologiju Kliničkog centra Vojvodine. Ovaj je period dovoljno dug za postizanje visokih ciljeva postavljenih od samog osnivanja Urološkog odeljenja daleke 1952. godine. Više od pola veka urolozi su prihvatili sve savremene tendencije u dijagnostici i lečenju oboljenja urogenitalnog trakta i danas se sa zadovoljstvom može tvrditi da se pristup ovim urološkim oboljenjima ne razlikuje u našoj sredini od onog koji je opšteprihvaćen u svetu.

Ključne reči: istorija medicine; istorija, 20. vek; istorija, 21. vek; urologija; urološka oboljenja; klinička kompetentnost; bolnice; lekari; poznate ličnosti; naučna društva

Foundation

The history of urology in Novi Sad dates back to 1948, when Dr. Kosta Popov, urologist at the II Surgical Division of the Main Provincial Hospital established the Urology Division (**Figure 1**). In 1952, the Division was transformed to the Department of Urology as a part of the Department of Surgery. The Department Head was Dr. Dimitrije Jeremić (**Figure 2**). The Department had a capacity of 25 beds in the basement level and was managed by urology specialist Dr. Dimitrije Jeremić and resident Dr. Kosta Janča. Nursing services were provided by nuns. In 1954, the Department obtained 25 more beds and 197 surgical procedures were performed while still in the basement.

In 1956, the Department had 3 urology specialists (Dr. Dimitrije Jeremić, Dr. Kosta Janča, and Dr. Milenko Berić) and one resident (Dr. Borivoje Janković) (**Figure 3**).

In 1964, after construction of the Clinic for Internal Diseases, the Department of Urology moved to a new building, which still is its current location, and was transformed to the department of the Clinic for Surgical Diseases (**Figure 4**).

In 1970, Dialysis Division was established at the Department of Urology as one of the first of its kind in the country. Dialysis facility was built in 1972 including two urology operating rooms on the top floor. Pediatric urology had been practiced concurrently with the adult urology until 1973, when the Department of Pediatric Urology was established at the Clinic for Pediatric Surgery. In 1977, 10 physicians

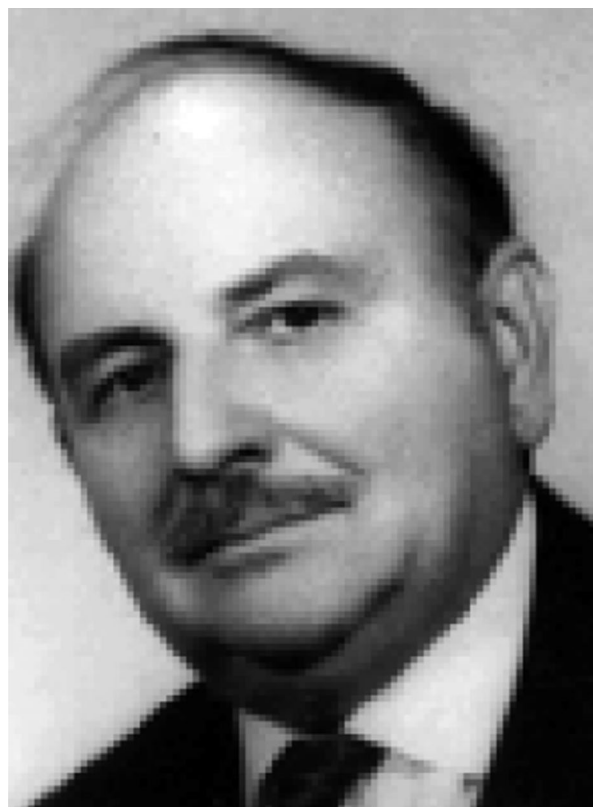


Figure 1. Dr. Kosta Popov
Slika 1. Dr Kosta Popov



Figure 2. Prof. Dr. Dimitrije Jeremić
Slika 2. Prof. dr Dimitrije Jeremić

were employed at the Department (Prof. Dr. Dimitrije Jeremić, Head of the Department, Dr. Kosta Janča – Assistant Professor, Dr. Milenko Berić– Assistant Professor, Prim Dr. Borivoje Janković, Dr. Miodrag Stojić, Dr. Aleksandar Bondarenko, Dr. Jovan Stojkov, Dr. Dimitrije Ristić, Dr. Dušan Bonert, and Dr. Miroslav Negrojević) and 20 nurses. 448 patients underwent surgical procedures.

Clinic in XXth Century

In 1980, the Department of Urology was transformed to the Clinic of Urology as a part of Associated Surgical Clinics. The Head of the Clinic was

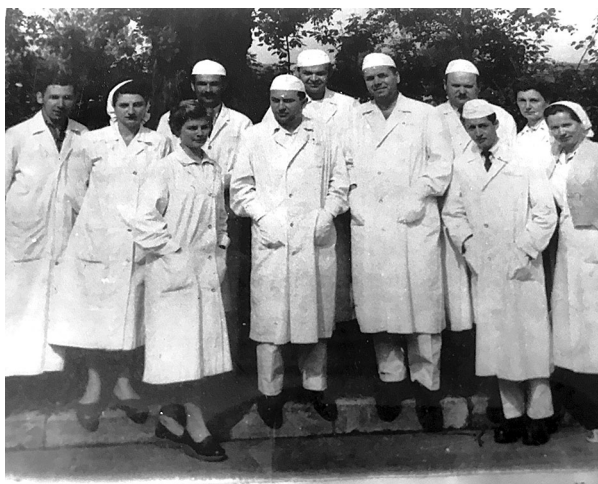


Figure 3. Department staff, 1956
Slika 3. Odeljenje 1956. godine



Figure 4. Clinic of Urology, Clinical Center of Vojvodina
Slika 4. Klinika za urologiju, Klinički centar Vojvodine

Prof. Dr. Kosta Janča (**Figure 5**). In this period, transurethral surgery had become a standard procedure in the routine practice and the first *percutaneous nephrolitholapaxy* was performed in 1985 as one of the first ones in our country and Europe as well. In 1986, the first two cadaveric renal transplants were performed with the participation and substantial contribution of urologists from our Clinic. A new era in the management of urolithiasis began when modern device for extracorporeal shock wave lithotripsy (ESWL) was provided in 1988.



Figure 5. Prof. Dr. Kosta Janča
Slika 5. Prof. dr Kosta Janča

Prof. Dr. Jovan Stojkov was the head of the Clinic from 1988 to 2003. (**Figure 6**). This period was char-



Figure 6. Prof. Dr. Jovan Stojkov
Slika 6. Prof. dr Jovan Stojkov

acterized by substantial improvements in the approach to urologic diseases, mainly in the field of oncologic surgery and radical surgery of renal, bladder and prostate carcinoma and also retroperitoneal lymphadenectomy in testicular tumors became routine procedure. With the cooperation of colleagues from the Institute of Oncology in Sremska Kamenica and pathologists, radiologists and specialists in other medical branches from the Clinical Center of Vojvodina the Uro-oncology Consilium has been established along with the Urodynamic Dispensary.

Clinic in XXIst Century

In 2003, Prof. Dr. Goran Marušić became the Head of the Clinic. Major renovation and improvement of infrastructure was performed in 2006, and the third operating room was put into service. Keeping up with the latest accomplishments and trends in the field of urology resulted in the introduction of laparoscopic procedures in 2009. New devices for ESWL and urodynamics (2009) dramatically improved the treatment outcomes in urological patients.

Nurses and medical technicians play an important role in the development of the Clinic of Urology. Specific education on nursing care of urological patients has been carried out and supervised by our Head Nurses: Kiš Ester 1953–1959; Marija Aleksijević 1959–1974; Milanka Ilić 1974–1998; Mirna Šaravanja 1998–2010; Marija Ferko 2010–2012 and Maja Kočetov since 2012 until present.

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The staff of the Clinic includes 13 specialist-urologists (Prof. Dr. Goran Marušić, Prof. Dr. Jasenko Dozić, Prof. Dr. Vuk Sekulić, Prof. Dr. Saša Vojinov, Asist. Prof. Jovo Bogdanović, Asist. Prof. Dr. Ivan Levakov, Asist. Prof. Dr. Srđan Živojinov, Asist. Prof. Dr. Dimitrije Jeremić, Prim. Dr. Dragan Grbić, MSc. Dr. Mišo Dukić, Dr. Dragoslava Nikolin Bošnjaković, Dr. Nebojša Dejanović, Dr. Žarko Dimitrić) and 2 residents (Asist. Dr. Senjin Dozić, Asist. Dr. Mladen Popov) as well as 34 nurses. The capacity of the Clinic is 47 beds. In 2016 a total of 1,429 patients underwent surgery, 798 extracorporeal shock wave lithotripsy procedures were performed and 25,226 patients were examined at the Specialized Out-patient Department.

Teaching and Scientific Activity

Professional and scientific activities of both doctors and nurses are noteworthy. The doctors are members of national and international urology associations. They actively participate at international meetings and conferences, which results in a remarkable number of scientific publications in both national and international journals. Nurses are active members and participants of professional meetings in the field of nursing.

Our Clinic of Urology is proud of its academic staff that includes two full professors, two associate professors as well as three assistant professors and two teaching assistants, who actively teach undergraduate and postgraduate courses in Serbian and English language at the Faculty of Medicine in Novi Sad.

The Clinic of Urology has been the teaching hospital affiliated with the Faculty of Medicine of the University of Novi Sad since 1977. Throughout this period, professors from our Clinic have been appointed Heads of the Chair of Surgery - Prof. Dr. Milenko Berić (1980–1983) and Prof. Dr. Kosta Janča (1986–1988). Prof. Dr. Goran Marušić was the Vice Dean for International Relations and Foreign Students from 2009 to 2015.

The Clinic of Urology organized a range of scientific meetings and congresses with eminent lecturers and participants in the field of urology - Prof. Gironcoli (Italy), Prof. Galizio (Italy), Prof. Cibert (France), Prof. Piquet (France), Prof. Smart (USA), Prof. Couvelaire and Prof. Kuss (France), Prof. Blandy (United Kingdom), Prof. Schmidt (Germany), Prof. Gregoir (Belgium), Prof. Bracci (Italy), Prof. Van der Werf Messing (The Netherlands), Prof. Dragan, Prof. Miclea, Prof. Bucuras (Romania), Prof. Romic, Prof. Pajor (Hungary), Prof. Madersbacher (Austria), and Prof. Schurch (Switzerland).