In the middle of the last century came from Zagreb, as head of the Department of Urology at the Susak Hospital, the first urologist doc.dr. Zlatko Šestić, who was the founder of the Croatian Urological Society. In 1961, with the arrival from Pula of professor Vinko Frančišković (Head of the Department of Surgery at the Susak Hospital) and professor Tomislav Tićac (Head of the Department of Urology at the Susak Hospital), the urology received a strong professional and scientific push forward (experimental surgery and transplantation, the establishment of dialysis and first projects in transplantation surgery). Within the treatment of chronic renal failure they opened the first center for hemodialysis in the former Yugoslavia. Decades of recognized expert, professional and scientific work of the Department of Urology resulted with the first kidney transplantation in the former Yugoslavia (1971).

The Department of Urology at the Medical Faculty of Rijeka was established 18 July 2006, and by that time, urologists, actively take part in the working processes at the Department of Surgery. Professor Željko Fučkar was appointed as the first Head of the Department of Urology. We should point out that the staff of the Department of Urology contributed to the development of urology in the area of the treatment of chronic renal failure (dialysis, kidney transplantation), reconstructive urology, transurethral and percutaneous intervention, urological oncology, urodynamics, ESWL, the convention, CD and interventional ultrasound, prostate cancer research (epidemiology, bone morphogenetic proteins, modalities of TRUS biopsy) and bladder cancer. In recent years there has been a significant step forward in the development of experimental urology in animal models.

The future of the Department of Urology is based on the following strategic objectives:
1. All doctors-urologists must also by employees of the Department of Urology at the Medical Faculty of Rijeka, which is in line with the concept of a University Hospital.
2. Further development of the joint international research projects in collaboration with other institutes and departments.
3. Further development of experimental urology in animal models in order to achieve new patents.
4. Deepening of cooperation with business sector in further research.