

## **Questions of Urology to State examination for the 6th year GM**

1. Investigation of the urological patients (Urological history, examination of the patient, laboratory investigations, ultrasound in urology, excretory urography, urodynamic examinations, other imaging modalities in urology)
2. Infections (Infections of the kidney, lower urinary tract infections, tbc of genitourinary system, sexually transmitted diseases, urinary tract infections in childhood)
3. Trauma of the kidneys and genitourinary tract
4. Stone disease (pathophysiology, hyperparathyroidism, assesment of patients with urinary stones, treatment of the stones in urinary tract)
5. Upper urinary tract obstruction (etiology, pathophysiology, diagnosis and treatment)
6. Lower urinary tract obstruction (pathophysiology, examinations, BPH, acute urinary retention, chronic urinary retention, pharmacological treatment of BPH, surgery for BPH)
7. Incontinence of urine (etiology and pathophysiology, urodynamic examination , treatment of incontinence)
8. Neurogenic disorders of the bladder (etiology, pathophysiology, treatment , incontinence in the elderly)
9. Developmental disorders of the urinary tract in childrens (kidney, ureter, urinary bladder, vesiconal reflux, megaureter, hydronephrosis - diagnostics and treatment)
10. Developmental disorders of genital tract in childrens (cryptorchidism, hypospadias, epispadias, phimosis- diagnostics and treatment)
11. Tumors of the kidney (carcinoma, nephroblastoma)
12. Carcinoma of the prostate
13. Tumors of the urinary bladder and urotelial cancer of upper urinary tract
14. Tumors of the male external genitalia (Testicular and penile cancers)
15. Acute and chronic renal failure, harvesting kidneys for transplantation and kidney transplantation
16. Urinary diversion, the basic methods
17. Tumors of the adrenals
18. Disorders of the scrotum (hydrocele, varicocele, cysts of epididymis) Acute scrotum (torsion, of the testis, epididymitis, orchitis)
19. Erectile dysfunction and male infertility
20. Acute urological events (anuria, renal colic, hematuria, diagnostics and treatment)