

**THEME OF THE EXAM
FOR THE POSITION 14**

1. Urine formation.
2. Physiology and pathophysiology of renal hemodynamics. Exploration of renal hemodynamics.
3. Renal factors in hydroelectrolytic, acid-basic, metabolic regulation
4. Tests for the assessment of renal function (blood, urination, combined, provoked).
5. Vascular, lymphatic investigations of the male urinary and genital tract (arteriographs, renographs, lymphographs) and isotopic.
6. Imaging investigations of the urinary tract (R.R.V.S, U.I.V, U.P.R, ultrasound, computed tomography, nuclear magnetic resonance)
7. Endotoxic shock M.S.O.F
8. Quantitative disorders of diuresis.
9. Acute renal failure. Obstructive anuria.
10. Chronic kidney failure of urological cause.
11. Urinary semiology (polachiuria, dysuria, incomplete urine retention, complete urine retention, pururia, hematuria, urinary incontinence, pain in urological conditions).
12. Anomalies of the urogenital apparatus
13. Hydronephroses
14. Kidney ptosis
15. Trauma of the urinary and genital tract in men and women.
16. Acute and chronic urologic pyelonephritis
17. Pyrephritis
18. Pionefrosis
19. Perinephritis
20. Acute cystitis syndrome. Pericystitis and chronic non-specific cystitis.
21. Urethritis, periurethritis (including those with genital transmission). Genital gangrene
22. Acute prostate vasculitis (prostatic abscess, bladder emphysema, etc.) and chronic
23. Acute and chronic orchiepididimitis.
24. Urinary lithiasis

25. Parenchymal kidney tumors (in adults and children).
26. Upper urinary tract tumors.
27. Retroperitoneal tumors (in adults and children)
28. Prostate tumors
29. Bladder tumors
30. Urethral tumors
31. Penile tumors
32. Tumors of scrotal content (testis, epididymis, spermatic funicular, sheaths).
33. Tumors of the adrenal gland.
34. Benign prostatic hypertrophy.
35. Bladder neck diseases
36. Urogenital tuberculosis
37. Urethral strictures.
38. Hydrocell and intravaginal collections.
39. Tightening of the spermatic cord
40. Variocel
41. Fimosis, parafimosis.
42. Priapism.
43. Erectile dysfunctions and male infertility.
44. Urinary incontinence.
45. Renal hypertension.
46. Neuropathic bladder
47. Retroperitoneal fibrosis
48. La Peyronie disease.

REFERENCES

1. Tratat de Urologie. I. Sinescu. Editia I. Editura Medicala, 2008.
2. Campbell-Walsh Urology Review. W. Scott McDougal & Alan J. Wein & Louis R. Kavoussi & Alan W. Partin & Craig A. Peters. Elsevier, 2016.