

THEMATIC PLAN OF PRACTICAL CLASSES IN UROLOGY FOR 6-YEAR
STUDENTS OF THE FACULTY OF FOREIGN STUDENTS
(2021/2022 academic year)

I. Plan of the seminar on the topic "**Clinical manifestations of urological diseases and methods of examination of urological patients**"

1. Symptoms of urological diseases.
2. Methods of examination in urology.

During the seminar, a clinical analysis of 2 patients who are currently in the clinic is carried out.

II. Plan of the seminar on the topic "**Urinary Disorders. Urinary incontinence**"

1. Disorders of urination. (Classification. Clinic, diagnosis. Principles of treatment).
2. Stress urinary incontinence. (Clinic, diagnosis and treatment).

During the seminar, a clinical analysis of 2 patients with urinary disorders is carried out.

III. Seminar plan on the topic "**Emergencies in urology. Damage to the organs of the urinary and male reproductive systems** "

1. Renal colic (pathogenesis, clinical picture, differential diagnosis with acute diseases of the abdominal organs).
2. Macrohematuria (types, doctor's tactics for macrohematuria).
3. Acute urinary retention (etiology, pathogenesis, clinical picture, the difference between acute urinary retention and anuria, types of assistance).
4. Priapism (pathogenesis, diagnosis and treatment).
5. Paraphimosis (diagnosis and treatment).
6. Traumatic kidney injury (symptomatology, diagnosis, treatment).
7. Injury of the urinary bladder (extra- and intraperitoneal ruptures, clinical picture, diagnosis and treatment).
8. Ruptured urethra.
9. Damage to the testicle and penis (especially diagnostics and treatment tactics).
10. Iatrogenic injuries of the urinary system in the practice of a surgeon, gynecologist, urologist.

During the seminar, a clinical analysis of 4 patients who are currently in the clinic is carried out.

IV. Seminar plan on "Acute kidney injury and Chronic kidney disease. Nephrogenic arterial hypertension. Kidney transplant. Andrology" 1.

The concept of "acute kidney injury" and "chronic kidney disease".

2. Classification of PPE.
3. Clinical manifestations of AKI and CKD.
4. Diagnosis of AKI and CKD. Treatment principles.
5. Renovascular and parenchymal forms of nephrogenic arterial hypertension. Diagnostics. Treatment principles.
6. The state of the problem of organ transplantation in the Republic of Belarus. Indications for kidney transplantation.
7. Benign prostatic hyperplasia (BPH) (prostate adenoma). Clinic. Diagnostics (I-PSS Prostate Symptom Assessment System, the role of digital rectal examination of the prostate, the value of determining the PSA concentration in blood serum, prostate biopsy). Treatment of patients with adenoma and prostate cancer. (The role of testosterone in the functioning of the prostate, the scheme of testosterone synthesis and the mechanism of its action on prostate cells). Medication for BPH. Principles of Surgical Treatment of BPH.
8. Prostate cancer (PC). Clinic. Diagnostics. Treatment of patients with prostate cancer. (The role of testosterone in the functioning of the prostate, the scheme of testosterone synthesis and the mechanism of its action on prostate cells). Medical treatment of prostate cancer. Principles of surgical treatment of prostate cancer.

During the seminar, a clinical analysis of 2-3 patients is carried out.

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