

**EDUCATIONAL INSTITUTION  
“GOMEL STATE MEDICAL UNIVERSITY”**

**LECTURE PLAN OF GENERAL SURGERY  
FOR THE FACULTY OF INTERNATIONAL STUDENTS**

**3rd YEAR**

**AUTUMN SEMESTER**

1. Bleeding and blood loss.
2. Bleeding: methods of therapeutic hemostasis.
3. Blood transfusion.
4. Transfusion of components and blood products.
5. Transfusion of blood substitutes. Parenteral nutrition.
6. Water-electrolyte and acid-base ratio disturbances in surgery.
7. Wounds.
8. Wound infection.
9. Abdominal trauma.
10. Chest trauma.
11. Head trauma.
12. Syndrome of prolonged and positional compression (Crush Syndrome).
13. Local anesthesia.
14. General anesthesia.
15. Surgical operation. Preoperative period.
16. Postoperative Period.
17. Collapse. Shock.
18. Critical and terminal states. Fundamentals of basic of Basic resuscitation.

**SPRING SEMESTER**

1. Plastic surgery. Transplantology.
2. Purulent surgical infection. Endogenous intoxication.
3. Purulent diseases of the skin and subcutaneous tissue. Paraproctitis.
4. Purulent diseases of the fingers and hand.
5. Purulent diseases of bones and joints.
6. Purulent diseases of glandular organs and lymphatic system.
7. Purulent diseases of the serous membranes (pleuritis, peritonitis).
8. Anaerobic and putrefactive infection.
9. Specific surgical infection. Tetanus.
10. Sepsis.
11. Necrosis. Gangrene. Diabetic angiopathy.
12. Acute and chronic disorders of arterial circulation.
13. Acute and Chronic disorders of venous circulation.
14. Trophic ulcers. Bedsores.
15. Fistulas.
16. Medical history. Examination of surgical patients.
17. Assessment of practical competencies: clinical skills.

- *The order of practical classes is subject to change, taking into account the completion of the educational inpatient medical record and depending on the department's clinical base and the availability of patients with relevant pathologies.*