**Departamentul Disciplinelor Medico-Chirurgicale și Profilactice, Conferențiar universitar, poziția 113**

1. Asepsis, antisepsis, sterilization. Surgical instrumentation – getting started; 2. Infections – generalities. Acute surgical infections of the skin (erysipelas, folliculitis, furuncle, hydrosadenitis). Localized acute surgical infections (warm abscess, phlegmon, lymphangitis, adenitis). Pyogenic infections of the fingers and hands; 3. Infections – special types of infections. Gas gangrene. Anthrax. Tetanus. Systemic infections. Septicemia. Chronic surgical infections (cold abscess). Mycoses. Tenosynovitis. Osteitis – osteomyelitis. Antibiotic therapy; 4. Shock. Types of shock (hypovolemic, cardiogenic, distributive). Physiopathology, clinical manifestations, paraclinical explorations, treatment; 5. Wounds Classification, symptomatology, evolution, treatment. Burns. Frostbite. Getting surgical wound healing – normal and pathological scarring; 6. Trauma. Craniocerebral, thoracic, abdominal and limb trauma. Polytrauma; 7. Malignant tumors. Definition, epidemiology, etiology, summary notions of carcinogenesis and metastasis, nomenclature, classification, staging. Malignant tumors vs. benign tumors. Semiology of the thyroid gland. Hyperthyroidism, Thyroiditis, Thyroid cancer; 8. Semiology of the mammary gland; 9. Semiology the esophagus; 10. Semiology of the stomach and duodenum; 11. Semiology the small intestine; 12. Technology, apparatus and laparoscopic instrumentation. Laparoscopy as a means of diagnosis; 13. Laparoscopic approach to hiatal hernias and gastroesophageal reflux; 14. The laparoscopic approach to cardia achalasia. Laparoscopic vagotomy; 15. Laparoscopic approach in the lithiasis and non-lithiasic pathology of the gallbladder; 16. Iatrogenic lesions of the main bile duct; 17. Laparoscopic repair procedures; 18. Laparoscopic approach of colo-rectal malignancies; 19. Laparoscopic approach of inguinal hernias; 20. Laparoscopic approach to stress urinary incontinence and genital prolapse; 21. Surgical maneuvers specific to laparoscopic surgery;