

ABSTRACT

OF THE ACADEMIC DISCIPLINE

"BASICS OF INSTRUMENTAL DIAGNOSTICS IN SURGICAL PRACTICE"

(course of choice)

Educational program "MEDICINE"

Speciality: 222 "MEDICINE"

THE PURPOSE OF THE COURSE

The purpose of the course is to present the main instrumental diagnostic methods related to surgical practice.

It is based on subjects previously studied by students such as "Anatomy", "Physiology", "Pathological Physiology", "General Surgery", Results of studying the program. The process of studying the discipline is aimed at formation of such competencies is a broad understanding of the role of medical visualization in the care of surgical patients and basic interpretation general research of images, as well as important visualization results for common and life-threatening pathologies

CONTENTS OF THE DISCIPLINE

Ultrasound, CT, MRI in surgery. Computed tomography. MRI in Surgery. Endoscopic methods. Visualization of the heart and blood vessels, angio and coronarography. Instrumental diagnostics in diseases of blood vessels. Radionuclide scanning and biopsy. Instrumental diagnostics in surgery gastrointestinal tract, thoracic surgery, cardiovascular, endocrine. surgery of the urinary tract, reproductive system, neurosurgery, traumatology and orthopedic surgery

SCOPE OF STUDY OF ACADEMIC DISCIPLINE

3 ECTS credits



