

ABSTRACT
OF THE ACADEMIC DISCIPLINE
"FUNDAMENTALS OF INSTRUMENTAL DIAGNOSTICS OF INTERNAL
ORGANS IN CHILDREN »

(elective course)

MEDICAL EDUCATION PROGRAM

Specialty: 222 "MEDICINE"

THE PURPOSE OF THE COURSE

The aim of the course is to present the basic instrumental methods available attitude to the diagnosis of internal organs in children, the formation of skills apply knowledge of pediatrics with the evaluation of research results in in the process of further training and in professional activity.

Based on previously studied by students such subjects as "Anatomy", "Physiology", "Pathological Physiology", "Propaedeutics of Pediatrics",

THE RESULTS OF THE STUDY PROGRAM

The process of studying the discipline is aimed at forming such competencies - a broad understanding of the role of medical imaging in the diagnosis of internal organs in children and the basic interpretation of general research, images, and important visualization results for common and life-threatening pathologies in children.

THE CONTENT OF THE DISCIPLINE

Research methods for children of different ages. General characteristic. Research methods of appropriate systems in childhood. Features of the survey and comparative characteristics of children of different ages periods. Semiotics of major diseases. Semiotics in diseases of organs respiration, blood circulation, digestion, urinary system. pH-metry gastric contents. Radiological methods of research of respiratory organs and hearts. Ultrasound methods of examination of the heart, digestive organs, urinary system. Endoscopic methods of examination of circulatory organs, breathing, digestion. Magnetic resonance imaging. Radionuclide scan and biopsy.

THE SCOPE OF STUDY OF THE DISCIPLINE

3 ECTS credits

