

**Brief description of the discipline (abstract)  
for the catalog of elective disciplines**

**Modern practices - virtual patient**

(title of elective course)

<b>Specialty</b>	Medicine 222 (22 – health care)
<b>Educational level</b>	Master
<b>Term of study (course)</b>	120 hours, 4 credits ECTS (5th and 6th course)
<b>Form of study</b>	Full-time
<b>Department</b>	Department of Pediatrics and Pediatric Infectious Diseases

**Summary of the course “Modern practices-virtual patient”.** According to statistics medical errors are the first (after cardiovascular disease and cancer) leading causes of death worldwide. The methodology of problem-oriented learning provides an opportunity to tie theory to practice in order to understand the practical aspects of Your future profession, work in a team and make team decisions, defend Your own opinions and learn from the Your own and colleagues’ mistakes, which You will have the opportunity to solve almost independently and without the intervention of the teacher. The material which is needed to be memorized is perceived by students as rules that need to be played, but which can sometimes be violated. This method teaches students to think critically, look for non-standard or non-trivial solutions and use or acquire new knowledge and competencies.

**Approximate list of training topics (lectures, practical classes, seminars):**

1. Medical errors, classification. Statistics, the most common medical errors.
2. Differential diagnosis and treatment in pediatrics: errors of staff of different levels: nurses, students, interns, doctors.
3. Child abuse: how to suspect and prevent communication errors and what is the step-by-step algorithm of actions, psychological aspects of patients’ management.
4. Differential diagnosis and treatment in the clinic of internal diseases with the analysis of medical errors.
5. Differential diagnosis, principles of treatment in surgery: analysis of typical errors in providing care to a patient in surgery.
6. Diagnosis, differential diagnosis and treatment in obstetrics and gynecology with analysis of medical errors.

**The list of competencies, the acquisition of which the learning of discipline will provide:**

GC1	Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained.
GC2	Ability to apply knowledge in practical situations
GC3	Knowledge and understanding of the subject area and understanding of professional activity
GC4	Ability to adapt and act in a new situation
GC5	Ability to make an informed decision; work in a team; interpersonal skills
GC7	Skills in the use of information and communication technologies
GC8	Definiteness and perseverance in terms of tasks and responsibilities
GC9	The ability to act socially responsibly and consciously
SC3	Ability to establish a preliminary and clinical diagnosis of the disease
SC6	Ability to determine the principles and nature of treatment of diseases
SC8	Ability to determine the tactics of emergency medical care

SC10	Ability to carry out medical and evacuation measures
SC14	Ability to plan and conduct preventive and anti-epidemic measures against infectious diseases

*GC general competences SC special competences*

**The list of scientific and pedagogical employees who will ensure the conduct of the discipline:**

1. Bilous T.M.
2. Bilyk G.A.
3. Bogutska N.K.
4. Garas M.N.
5. Sazhyn S.I.

**Head of the Department** \_\_\_\_\_ **prof. O.K. Koloskova**  
(signature)