

Pediatrics

Logbook for students in 6th year of medical study

Practical work with a child



Faculty of Medicine

Location: Units with adequate number of beds or appropriate proportion of general pediatric problems.

Duration: 4 weeks. Student attends 40 hours of clinical work per week, at least once a week works in the afternoon, and preferably at least once during the on-call time. At least once the student works in the Admission office or in Emergency room.

Main mentor: University teacher or assistant. The main mentor participates at seminars prepared by students; she/he is also responsible for the coordination of work between students and immediate mentors.

Immediate mentor: Ward or. Room doctor or. Specialist at primary pediatric care; Checks and directs the daily performance of the student.

The tasks of the student: Takes care of at least three patients from admission until discharge, respectively, participates at primary pediatric care:

- taking medical history;
- physical examination of the patient and basic measurements with reporting to immediate mentor;
- reporting on medical history and physical status of the patient on rounds or after an examination at primary pediatric care;
- proposal for a plan of investigations (rational diagnostics);
- proposal for a therapeutic plan (rational therapy);
- interventions (see list);
- participation in discussions with parents or caregivers;
- participation in the preparation of discharge letters.

The Admission and Emergency office student admits patients (records medical history and performs physical examination).

At primary pediatric care participates in the systematic examination of the child and all preventive activities.

A student can join his mentor in other tasks (e.g. subspecialist office, functional unit ...).

The student must submit records of completed work (logbook) to the main mentor after completion of the work. Knowledge and development of the student is checked continuously by the immediate and main mentor.

Forms of group training:

- regular expert meetings at the department;
- regular interns and specialists seminars at the department;
- special forms: clinical seminars - case reports; as well as the basics of ECG, EEG, BLS, US, endoscopy, etc.

Each student prepares **one seminar** - case report, or systemic review of the literature.

Recommended tasks to be performed by the student while working at the department:

- anthropometric measurements (height, weight, head circumference, other anthropometric measurements);
- newborn care (Apgar score, etc);
- body temperature and blood pressure measurement;
- venous blood withdrawal;
- various applications of parenteral medications and fluids (sc, im, iv);
- rapid tests (celiac disease, streptococcal test, etc.);
- microbiological swabs (e.g., throat, ears, nose, eyes, genital, stool, skin);
- urine withdrawal and urinoculture assessment;
- introduction of nasogastric tube;
- intubation (within a course of BLS);
- ECG and possibly EEG;
- aspiration of the airways and pulmonal/ bronchial physiotherapy;
- assessment of lung function.

LOGBOOK FOR STUDENTS IN THE 6TH YEAR OF MEDICAL STUDY

PRACTICAL WORK WITH A CHILD

Name and surname:

Index No.:

Academic year:

Beginning of the practice:

End of the practice:

Main mentor:

Immediate mentor

TASKS	Number	Note	Signature
Medical history and physical examination			
Investigations and therapy planning			
Description of the treatment and conclusions			
Other- courses (BLS, ECG, US ...)			
SEMINAR			
Date:		Title:	
		Signature:	
ON-CALL TIME			
Date:		On-duty doctor signature:	
Date:		On-duty doctor signature:	

TASKS	Number	Note	Signature	Performed	Attended
Compulsory tasks:					
Venous blood withdrawal	_____	_____	_____	_____	_____
Parenteral applications	_____	_____	_____	_____	_____
• IM	_____	_____	_____	_____	_____
• IV	_____	_____	_____	_____	_____
• SC	_____	_____	_____	_____	_____
ECG recording	_____	_____	_____	_____	_____
Pulmonary function tests:	_____	_____	_____	_____	_____
• spirometry	_____	_____	_____	_____	_____
The use of test strips	_____	_____	_____	_____	_____
• urine, blood	_____	_____	_____	_____	_____
The use of the rapid tests	_____	_____	_____	_____	_____
Urine and stool collection	_____	_____	_____	_____	_____
Microbiological swabs	_____	_____	_____	_____	_____
Other:	_____	_____	_____	_____	_____
• intubation	_____	_____	_____	_____	_____
• reanimation	_____	_____	_____	_____	_____
• nasogastric tube placement	_____	_____	_____	_____	_____

WORK IN ADMISSION AND EMERGENCY OFFICE

Date: _____ Mentor signature: _____

ONE-DAY TRAINING

SIMULATION TRAINING:

Date: _____ Mentor signature: _____

PEDIATRIC US:

Date: _____ Mentor signature: _____

ALLERGY TESTS:

Date: _____ Mentor signature: _____

ENDOSCOPY:

Date: _____ Mentor signature: _____

URODYNAMICS:

Date: _____ Mentor signature: _____

VACCINATION:

Date: _____ Mentor signature: _____

PRIMARY CARE PREVENTIVE EXAMINATION:

Date: _____ Mentor signature: _____

Student _____ has successfully passed/ failed
Practical work with a child.

Date: _____ Main mentor signature: _____