



APPROVED BY

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SYLLABUS

Practical Training Programme

Specialty 560001 — General Medicine (5-year programme)

**Type of Practice: ASSISTANT TO THE PHYSICIAN OF THE EMERGENCY
MEDICINE CENTRE**

1. Course Information

Form of study	Full-time
Year / Semester	Year 3 / Semester 5
Total workload	2 credits (60 academic hours)
Duration	2 weeks (10 working days)
Type of assessment	Pass/Fail with rating score
Practice base	Stations and substations of the Emergency Medicine Centre (EMC) of Bishkek; emergency departments of private medical centres



2. Brief Description

Year-3 students work as assistants to the physician of an ambulance brigade. The placement focuses on the physician's scope of practice — nosological forms requiring physician decision-making, urgent-care tactics, and the doctor's role in the pre-hospital setting.

3. Aim of the Practice

To master the duties of an emergency-medicine physician, learn to perform independently selected medical procedures and manipulations, to provide first physician-level aid at the pre-hospital stage, and to gain experience working in a real medical team.

4. Learning Objectives

- Become familiar with the organisation of emergency medical care.
- Master the methodology of patient examination in the emergency setting.
- Study the nosological forms within the scope of the emergency physician.
- Master the key approaches to managing patients in urgent conditions at the pre-hospital stage.
- Practice, under physician supervision, the algorithms of emergency medical care — including core therapeutic procedures and manipulations — in accordance with the catalogue of competencies.

5. Competencies Formed

PC-12 (Professional)	Able to select individuals for follow-up based on the results of mass tuberculin diagnostics and fluorographic screening, and to evaluate results for early detection of tuberculosis.
PC-21 (Professional)	Able to manage a physiological pregnancy and to attend delivery.

6. The Student Must Know

- Structure and organisation of the EMC; performance indicators; core medical documentation.
- Functional capacity and equipment of all EMC units; organisation of the ambulance brigade.
- Functional duties of the EMC physician.
- Physician tactics at the pre-hospital stage (ECG recording, assessment of vital signs, CPR, etc.).
- Anti-epidemic measures during a call; norms of sanitary-educational work.

7. The Student Must Be Able To



- Complete the documentation of an EMC physician correctly.
- Write prescriptions for routine medications.
- Determine indications for hospitalisation (emergency and planned) and arrange it.
- Define the minimum set of laboratory and instrumental investigations needed to establish the diagnosis.
- Interpret examination results (laboratory tests, ECG, endoscopy, X-ray, etc.).
- Provide the patient with recommendations on prevention, treatment and healthy lifestyle.

8. Required Skills (control table)

Handling of ambulance calls	30 — levels 2–3
Medical documentation (referral for hospitalisation, ambulance-call card, infectious-disease notification)	10–20 — levels 2–3
ECG decoding and assessment	20 — level 2
Chest compressions; intubation	10 — level 2
Pre-hospital first aid (syncope, bleeding, hypertensive crisis, angina, trauma, burns, childbirth, poisoning)	10 — levels 2–3
Physician aid in MI, pulmonary oedema, PE, asthma attack, shock, coma, stroke	10 — level 2

Skill levels: 1 — has an idea / knows indications; 2 — knows, evaluates, takes part; 3 — performs independently.

9. Practice Diary

- Daily entries describe all work during the shift.
- Day 1: profile of the station / substation (brigades, equipment, indicators, governing orders).



- Daily report: number of calls; at least 3 calls per shift described in detail (patient initial, age, diagnosis, drug in Latin, % solution, dose, solvent, route).
- Mandatory inserts: certificate of incapacity, ambulance-call card, ambulance accompanying sheet, 2 prescription blanks.
- Character reference endorsed by the chief physician of the EMC and stamped with its seal.

10. Assessment

Final control — differentiated pass/fail examination by commission at the Simulation Centre immediately after the two-week cycle. The student presents the practice diary with character reference.