



ON-CALL PRACTICE LOGBOOK



FACULTATEA

DE
MEDICINĂ

FOR 5TH-YEAR
MEDICAL STUDENTS



TITU MAIORESCU UNIVERSITY OF BUCHAREST

Faculty of Medicine

Medicine Program

General information about this evaluation workbook

- This notebook is intended **only** for the students of the **Faculty of Medicine, Medicine in English Programme, Titu Maiorescu University of Bucharest**.
 - The notebook consists of **two sections**: Medical Specialities and Surgical Specialities, with a total of **120 h of duty shift in the hospital (40 h for Medical Specialities and 80 h for Surgical Specialities)**, with a maximum of **8 h per day**;
 - Entries can be completed in whatever order, not necessarily in a chronological one, however all entries must be completed, evaluated and signed (both by the student and the evaluating physician)
 - Not all duty hours must be performed in the same hospital, therefore each entry contains the name of the hospital and of the ward/department.
 - All entries **must be hand written; computer input is not allowed**;
 - After printing and completing this workbook must be binded with a simple and clear cover before being handed to the secretary.
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Revision: 1.1 // 2026. Cover image: Adobe FireFly (30.07.2025).



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GENERAL STRUCTURE OF THE ON-CALL PRACTICE LOGBOOK

SECTION 1: MEDICAL SPECIALTIES

- Total number of hours: 40 h
- Maximum number of hours/day: 8 h
- Total number of on-call shifts: 5

SECTION 2: SURGICAL SPECIALTIES

- Total number of hours: 80 h
- Maximum number of hours/day: 8 h
- Total number of on-call shifts: 10



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SECTION 1: MEDICAL SPECIALTIES

This section contains **5** individual on-call activities with the following unique topics:

- Nephrology – assessment of the patient with acute renal failure and electrolyte disturbances.
- Cardiology – management of the patient with acute coronary syndrome and cardiac arrhythmias.
- Gastroenterology – gastrointestinal bleeding and other gastroenterological emergencies.
- Pulmonology – respiratory failure and acute exacerbations.
- Dermatology – particular dermatological cases and adverse drug reactions.





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On-call shift #1

DATE

TOPIC: Nephrology – assessment of the patient with acute renal failure and electrolyte disturbances.

- Interpretation of renal function and electrolyte panel
- Assessment of fluid balance and urine output
- Indications for renal replacement therapies

STUDENT'S SIGNATURE

HOSPITAL

Full name of the hospital/clinic

Name of the ward/department

STUDENT'S EVALUATION

Date

Grade

Supervising Physician

(full name, signature, and stamp)



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On-call shift #2

DATE

TOPIC: Cardiology – management of the patient with acute coronary syndrome and cardiac arrhythmias

- ECG interpretation in an emergency setting
- Hemodynamic and vital signs monitoring
- Initiation of emergency therapy

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On-call shift #3

DATE

TOPIC: Gastroenterology – gastrointestinal bleeding and other gastroenterological emergencies.

- Assessment of the abdomen and hemodynamic status
- Indications for gastrointestinal endoscopy
- Monitoring of complications and therapy

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On-call shift #4

DATE

TOPIC: Pulmonology – respiratory failure and acute exacerbations.

- Assessment of dyspnea and arterial blood gas analysis (ABG)
- Oxygen therapy and ventilatory support
- Emergency patient monitoring

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On-call shift #5

DATE

TOPIC: Dermatovenereology –particular dermatological cases and adverse drug reactions.

- Recognition of skin lesions
- Assessment of extent and severity
- Initial therapeutic measures and prevention of complications

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SECTION 2: SURGICAL SPECIALTIES

This section contains **10** individual on-call activities with the following unique topics:

- Plastic, Aesthetic and Reconstructive Microsurgery – Management of the Patient with Wounds and Burns
- Oral and Maxillofacial Surgery – Facial Trauma and Oral and Maxillofacial Emergencies
- Urology – Management of the Patient with Renal Colic and Acute Urinary Retention
- Radiology and Medical Imaging – Use of Imaging in Emergencies
- Orthopedics and Traumatology – Assessment of the Polytrauma Patient
- Orthopedics and Traumatology – Trauma of the Upper and Lower Limbs
- Ophthalmology – Ophthalmic Emergencies (Foreign Body, Ocular Trauma, Acute Glaucoma)
- Otorhinolaryngology (ENT) – ENT Emergencies (Epistaxis, Foreign Bodies)
- General Surgery – Management of Early Postoperative Complications
- General Surgery – Management of the Patient with Intestinal Obstruction





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On-call shift #1

DATE

TOPIC: Plastic, Aesthetic and Reconstructive Microsurgery – Wounds and Burns

- Classification of burns and assessment of the affected body surface area
- Principles of wound dressing and asepsis
- Prevention of complications

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On-call shift #2

DATE

TOPIC: Oral and Maxillofacial Surgery – Facial Trauma and Oral and Maxillofacial Emergencies

- Assessment of the airway and facial structures
- Hemorrhage control
- Therapeutic and imaging indications

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On-call shift #3

DATE

TOPIC: Urology – Renal Colic and Acute Urinary Retention

- Assessment of pain and urinary function
- Indications for catheterization and drainage
- Monitoring of complications

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On-call shift #4

DATE

TOPIC: Radiology and Medical Imaging – Use of Imaging in Emergencies

- Selection of the appropriate imaging modality
- Interpretation of common imaging investigations
- Clinicoradiological correlation

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On-call shift #5

DATE

TOPIC: Orthopedics and Traumatology – Assessment of the Polytrauma Patient

- ABCDE algorithm in polytrauma
- Stabilization of multiple fractures
- Interdisciplinary collaboration (Anesthesiology and Intensive Care, General Surgery)

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On-call shift #6

DATE

TOPIC: Orthopedics and Traumatology – Trauma of the Upper and Lower Limbs

- Orthopedic treatment methods – reduction and immobilization techniques (plaster/resin splints; orthoses)
- Surgical treatment methods – indications, risk–benefit assessment, and selection of the type of intervention/osteosynthesis based on the final diagnosis

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On-call shift #7

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TOPIC: Ophthalmology – Ophthalmic Emergencies (Foreign Body, Ocular Trauma, Acute Glaucoma)

- Examination of the anterior segment
- Application of ocular dressings
- Initiation of ocular antihypertensive treatment

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On-call shift #8

DATE

TOPIC: Otorhinolaryngology (ENT) – ENT Emergencies (Epistaxis, Foreign Bodies)

- Procedures for controlling nasal bleeding
- Removal of auricular or nasal foreign bodies
- Post-procedure monitoring

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On call shift #9

DATE

TOPIC: General Surgery – Management of Early Postoperative Complications

- Identification of signs of postoperative hemorrhage and sepsis
- Monitoring of drains and vital functions
- Assessment of the surgical wound and initial management of postoperative complications

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On-call shift #10

DATE

TOPIC: General Surgery – Management of the Patient with Intestinal Obstruction

- Clinical and paraclinical assessment of the patient with intestinal obstruction
- Preoperative stabilization and correction of hydroelectrolytic imbalances
- Therapeutic indications and postoperative monitoring in digestive emergencies

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