



DISCIPLINE SHEET

1. Study programme

1.1.	"CAROL DAVILA" UNIVERSITY OF MEDICINE AND PHARMACY BUCHAREST
1.2.	FACULTY OF DENTISTRY
1.3.	DEPARTMENT 2
1.4.	DISCIPLINE SURGICAL SEMIOLOGY
1.5.	STUDY DOMAIN: Health, sectoral regulated within the European Union
1.6.	STUDY LEVEL: I (Bachelor's degree) and II (Master's degree)
1.7.	STUDY PROGRAMME: DENTAL MEDICINE IN ENGLISH

2. Discipline

2.1.	Discipline name according to the study curriculum: PROFESSIONAL PRACTICE				
2.2.	Discipline code: MD01PP16EN				
2.3.	Discipline type (FD/SD/CD): SD				
2.4.	Discipline optionality (COD/ED/FAD): COD				
2.5.	Lectures tenure: -				
2.6.	Practical classes / seminar tenure: Prof. Dr. Octav Ginghină				
2.7. Year of study	I	2.8. Semester	II	2.9. Evaluation (E/C/V)	C

3. Estimated total time (hours/ semester of teaching and training activity /individual study)

I. University training						
3.1. Number of hours per week	-	from which:	3.2. lecture	-	3.3. practical class/ seminar	-
3.4. Total hours in the study curriculum	160	from which:	3.5. lecture	-	3.6. practical class/ seminar	160
II. Preparation/ individual study						
Time distribution						hours
Study of lecture materials, textbooks, books, study of the minimum recommended bibliography						-
Additional documentation activity in the library, on online platforms						-
Specific preparation activities for projects, practical classes, preparation of assignments, reports						-
Preparation for presentations or evaluations, preparation for the final examination						-
Tutoring activity						-
Other activities						-
3.7. Total hours of individual study						-
3.8. Total hours per semester (3.4.+3.7.)						160
3.9. Number of credits						2

4. Prerequisites (where appropriate)

4.1. curriculum	Basic concepts of anatomy and physiology
4.2. proficiencies	Not applicable

5. Conditions (where appropriate)

5.1. for lecture activity	-
5.2. for practical class/ seminar activity	Practice within the general surgery department

6. Learning outcomes*

Knowledge	Skills	Responsibility and autonomy
The student knows the organization and functioning of hospital units and the roles of medical staff.	The student performs the clinical examination of the patient (history taking, physical examination) and applies basic techniques (blood pressure measurement, pulse assessment, dressings, injections).	The student participates in the clinical ward activity as a member of the surgical team, under the supervision of the mentor, respecting the limits of their competencies.
The student acquires basic notions of medical and surgical semiotics.	The student applies asepsis and antisepsis rules, provides first aid in medical-surgical emergencies, and uses basic communication techniques with the patient.	The student collaborates interdisciplinary, respects ethical and deontological principles, and applies infection prevention measures, assuming their role within the medical team.

7. Discipline objectives (correlated with learning outcomes)

7.1. General objective	<ul style="list-style-type: none">- To participate in the activities of the clinical ward with general surgery beds to which they have been assigned, as a member of the surgical team led by the primary general surgeon, under the guidance of a mentor, a primary care physician, a specialist, or a resident in general surgery.- To observe and participate in surgical interventions and carry out medical activities assigned to them, within the limits of their competencies and the responsibilities assigned by the head of the surgical team, under the direct supervision of the mentor or medical staff designated by them.- To discuss with the mentor the activities conducted during the summer practice, analyze achievements and deficiencies, and identify future directions for personal development.- To apply simple elements related to patient approach/communication in the clinical ward or specialized outpatient clinic.- To describe and be able to apply medical education measures and health promotion.
7.2. Specific objectives	<ul style="list-style-type: none">- To explain the patient flow, triage for those scheduled for chronic disease evaluations, and those seeking care for acute illnesses, as well as isolating patients with communicable conditions with potential endemic risk.

	<ul style="list-style-type: none"> - To observe and perform the clinical examination of hospitalized surgical patients, in the hospital's outpatient clinic, and in emergencies—conducting patient history and physical examination. - To use concepts related to medical confidentiality. - To personally perform or observe, describe, and explain clinical procedures to patients. - To apply rules for collaborating with the coordinating physician, nursing staff, or auxiliary personnel. - To develop teamwork skills. - To identify therapeutic goals and priorities for various stages of the patient's condition. - To provide first aid in major medical-surgical emergencies. - To implement general and specific measures to prevent the occurrence and spread of infections. - To apply evidence-based medicine principles in clinical practice. - To demonstrate ethical behavior in professional activities. - To correctly perform blood pressure measurement techniques and assess changes in arterial pulse. - To observe or perform dressings under the supervision of medical staff.
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8. Contents

8.1. Lecture	Teaching methods	Observations
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Recent bibliography:		
-		
8.2. Practical classes/ seminar	Teaching methods	Observations
Patient flow for hospitalized patients		8 h
Patient rights and obligations. Informed consent		8 h
Medical hand washing with water and soap/disinfectant soap. Hand washing with alcohol solutions		8 h
Monitoring patients (temperature, pulse, respiration, urine output, bowel movements, vomiting, sputum)		16 h
Non-invasive medical measurement of blood pressure		8 h
Assisting the patient with positioning at the edge of the bed and moving within the room		8 h
Administering oral and inhaled medication		8 h

Collecting venous blood, determining capillary blood glucose levels		8 h
Intramuscular and subcutaneous injections		8 h
Surgical instruments, surgical knots and sutures		32 h
Performing dressings for various types of wounds		32 h
Medical positioning of the patient, at the bedside or on the operating table		16 h
Recent bibliography: Schwartz. Principles of Surgery, 10th Edition, 2019		

9. Assessment

Activity type	9.1. Evaluation criteria	9.2. Evaluation methods	9.3. Percentage of final grade
9.4. Lecture	-	-	-
9.5. Practical classes/ seminar	Evaluation of the activities carried out during the internship	Assigning grades on the evaluation sheet	60%
	Evaluation of acquired knowledge	Oral exam	40%
9.5.1. Individual project (if any)	-	-	-
Minimum performance standard			
Mastering the basic concepts of medical and surgical semiotics: <ul style="list-style-type: none"> - Preoperative screening of surgical patients - Rules and methods for disinfection, asepsis, and antisepsis - Surgical hand washing with water and antiseptic solutions, donning the gown and gloves before surgery - Techniques for performing dressings for various types of wounds - Techniques for measuring blood pressure and arterial pulse - Intradermal and subcutaneous injections. Key procedures for preoperative preparation and postoperative care of surgical patients 			