



**UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE
„CAROL DAVILA” DIN BUCUREȘTI
Facultatea de Stomatologie**



DISCIPLINE GRID

1. Programme:

1.1.	CAROL DAVILA UNIVERSITY OF MEDICINE AND PHARMACY BUCHAREST
1.2.	FACULTY OF DENTISTRY / DEPARTMENT II
1.3.	Division: Surgical Semiotics
1.4.	Study Domain: Health - Sectorally Regulated within the European Union
1.5.	STUDY LEVEL: LICENCE
1.6.	STUDY PROGRAMME: DENTAL MEDICINE IN ENGLISH

2. Discipline:

2.1.	DISCIPLINE NAME: Professional Practice						
2.2.	Location: Bucharest Oncology Institute, Fundeni Road No. 252, Sector 2, Bucharest						
2.3.	Lectures tenure: Prof. Dr. Octav Ginghină						
2.4.	Practical classes tenure: Prof. Dr. Octav Ginghină						
2.5. Year of Study	1	2.6. Semester	II	2.7. Type of assessment	Colloquium	2.8. Course Regime	CD

3. Estimated total time (hours/semester)

Number of hours per week	40	of which	lecture: 0	Practical work: 40
Total hours in the curriculum	160	of which	lecture: 0	Practical work: 160

Time distribution	hours
Study using textbooks, course materials, bibliography, and notes	0
Additional research in the library, on specialized electronic platforms, and in the field	0
Preparation for seminars/laboratories, assignments, reports, portfolios, and essays	0
Tutoring	0
Examinations	0
Other activities	0
Total hours of individual study	0
Total hours per semester	160
Number of credits	2

4. Preconditions

4.1. Curriculum prerequisites	Basic concepts of anatomy and physiology
4.2. Competency prerequisites	Not applicable

5. Conditions

5.2. Conditions for conducting practical work	Practice within the general surgery department
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6. Accumulated skills

Professional competencies	Acquired skills of the student: - Understanding the organization and functioning of hospital units, as well as the roles of medical staff - Ability to perform a clinical examination of the patient - Mastering basic concepts of medical and surgical semiology
Transversal competencies	- Using assimilated concepts in new contexts - Applying theoretical concepts in practical activities - Establishing interdisciplinary correlations within the studied fields - Developing synthesis skills - Developing the ability to integrate and collaborate - Developing organizational skills

7. Objectives (based on the grid of acquired specific skills)

7.1. General objectives	- 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	- 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. - 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.

8. Content

8.1. Practical work	Number of hours/topic	Teaching methods	Obs .
1. Patient flow for hospitalized patients	8	Practical exercises	
2. Patient rights and obligations. Informed consent	8		
3. Medical hand washing with water and soap/disinfectant soap. Hand washing with alcohol solutions	8		
4. Monitoring patients (temperature, pulse, respiration, urine output, bowel movements, vomiting, sputum)	16		
5. Non-invasive medical measurement of blood pressure	8		
6. Assisting the patient with positioning at the edge of the bed and moving within the room	8		
7. Administering oral and inhaled medication	8		
8. Collecting venous blood, determining capillary blood glucose levels	8		
9. Intramuscular and subcutaneous injections	8		
10. Surgical instruments, surgical knots and sutures	32		
11. Performing dressings for various types of wounds	32		
12. Medical positioning of the patient, at the bedside or on the operating table	16		

8.2. Bibliography for laboratory/practical sessions
Schwartz. Principles of Surgery, 10th Edition, 2019

9. Correlation of the course content with the expectations of representatives from the academic community, professional associations, and key employers in the relevant field of the program

The discipline of Surgical Semiotics is a fundamental and mandatory subject for students to become dentists, as dentistry is a micro-surgical specialty.

- Ongoing participation of department members in scientific events and forms of continuing medical education to enhance and maintain high standards, and active involvement of students in these scientific activities.
- Maintaining contact with other teaching staff in the field, who are affiliated with other higher education institutions, to coordinate the taught content with similar programs at other institutions of higher education.
- The concepts studied are in accordance with current regulations and are compatible with activities conducted nationally and internationally in the field of preclinical dental medicine.

10. Evaluation

10.1. Evaluation

Type of activity	Evaluation criteria	Assessment methods	Pondere din nota finală
Practical work	Evaluation of the activities carried out during the internship	Assigning grades on the evaluation sheet	60%
	Evaluation of acquired knowledge	Oral exam	40%

Minimum performance standard – minimum grade required = 5

Mastering the basic concepts of medical and surgical semiotics:

- 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

Date:
05.09.2024

Chair of Surgical Semiotics Division,
Prof. Dr. Octav Ginghina

Date of approval in Department
Council:

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Department Director
Prof. Dr. Alexandru Bucur