

**DISCIPLINE SHEET**  
**UNIVERSITY YEAR**  
**2023- 2024**

**1. DATA ABOUT THE PROGRAM**

1.1 Higher education institution	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA
1.2 Faculty	<b>DENTAL MEDICINE</b>
1.3 Department	I
1.4 Field of study	HEALTH
1.5 Study cycle	LICENSE
1.6 Study program/Qualification	DENTAL MEDICINE

**2. DATA ABOUT THE DISCIPLINE**

2.1 Name of the discipline	<b>INTERNAL MEDICINE</b>						
2.2. Discipline code	<b>MD 31201</b>						
2.3 The holder of the course activities	Glodeanu Adina Dorina						
2.4 The holder of the seminar activities	Glodeanu Adina Dorina/ Simeanu Georgiana Mihaela						
2.5. Teaching degree	Associate professor PhD Dr/ PhD Student Dr						
2.6. Enrollment (basic/associate rate)	Basic norm						
2.7. Year of study	<b>III</b>	2.8. Semester	<b>II</b>	2.9. Type of discipline (content) <sup>2)</sup>	<b>DS</b>	2.10. Discipline regime (mandatory) <sup>3)</sup>	<b>DI</b>

**3. TOTAL ESTIMATED TIME (hours per semester of teaching activities)**

3.1 Number of hours per week	<b>4</b>	from which: 3.2 lecture	<b>1,5</b>	3.3 laboratory	<b>2,5</b>
3.4 Total hours from the curriculum	<b>56</b>	from which: 3.5 lecture	<b>21</b>	3.6 laboratory	<b>35</b>
Distribution of time fund hours					
1. Study according to the textbook, course support, detailed bibliography and notes					<b>8</b>
2. Additional documentation in the library and electronic platforms					<b>5</b>
3. Preparation of reports, seminars					<b>4</b>
4. Other activities - consultations, student circle					<b>2</b>
3.7 Total hours of individual study	<b>19</b>				
3.9 Total hours per semester	<b>75</b>				
3.10 Number of credits <sup>4)</sup>	<b>3</b>				

**4. PREREQUISITES** (where applicable)

4.1 of curriculum	
4.2 of competence	

**5. TERMS** (where applicable)

5.1. of development of the course	
5.2. of conducting the seminar/laboratory	

**6. THE SPECIFIC COMPETENCES ACCUMULATED** <sup>6)7)</sup>

<b>COMPETENCES</b>	<p><b>C1</b> - To identify the state of the disease and establish the correct diagnosis of the conditions.</p> <p><b>C5</b> - To initiate and carry out a scientific and/or educational research activity in his field of competence</p>
--------------------	--

**C6. Autonomy and responsibility**

- • To perform medical maneuvers alone
- • To interpret the vital parameters by himself as well as the usual laboratory parameters
- • To recognize a problem of general pathology - chronic or urgent and to offer responsible solutions to solve it.

**C7. Social interaction;**

- • to expose to the patient, at his level of understanding, the risk of dental work in the context of his general pathology as well as the therapeutic option from the dentist's perspective
- • to present to the patient the importance of administering the treatment prescribed by the attending physician before presenting to the dental office
- • to communicate effectively in a team together with the nurse and the dental technician.
- • to get involved in voluntary actions
- • To adopt a professional and civic attitude, to learn to be correct, honest, non-conflictual, cooperative, empathetic;
- • to know and respect professional ethics.
- • to learn and have respect for diversity and multiculturalism;

**C8. Personal and professional development**

- • to be open to lifelong learning,
- • to be aware of the need for individual study as the basis of personal autonomy and professional development;
- • to utilize optimally and creatively their own potential in collective activities;
- • to know how to use information and communication technology.

**7. THE OBJECTIVES OF THE DISCIPLINE (emerging from the grid of specific skills accumulated)**

<p>7.1 The general objective of the discipline</p>	<ul style="list-style-type: none"> <li>• • Acquiring the general theoretical notions necessary to know the conditions of medical pathology</li> <li>• • Acquiring the general principles of therapeutic approach to medical conditions</li> <li>• • Training the skill to evaluate a case of general pathology/emergency</li> <li>• • Acquiring management concepts of general ailments and medical emergencies.</li> </ul>
<p>7.2 The specific objectives</p>	<p><b>Upon completion of the discipline, the student will be able to acquire COGNITIVE ABILITIES, which will allow them to:</b></p> <ul style="list-style-type: none"> <li>- - To know the methodology of collecting anamnestic data and the technique of performing the objective examination</li> <li>- - To have knowledge that allows them to interpret laboratory parameters and imaging investigations</li> <li>- - To know the significance of the patient's vital parameters - pulse, blood pressure, breathing, temperature, diuresis, intestinal transit.</li> <li>- - To identify the patient with medical risk</li> <li>- - To acquire the necessary knowledge to evaluate an emergency case</li> <li>- - To know the basic principles of the treatment of medical emergencies</li> <li>- - To learn the concepts of recognition and management of cardiorespiratory arrest.</li> <li>- - To possess adequate knowledge regarding anti-</li> </ul>

inflammatory, antibiotic, anti-algesic, antiplatelet and anticoagulant therapy.

***PRACTICAL SKILLS***

- to draw up a clinical medical observation sheet and formulate a treatment plan with drug classes
- measure and correctly interpret the vital parameters
- correctly interpret paraclinical investigations.
- to identify the patient with potential risk before performing an invasive dental procedure
- to take the correct decision about the continuation/postponement of the dental procedure in the patient at risk,
- to apply additional therapeutic measures before/peri- and post-procedurally to the patient at risk
- to recognize the clinical signs and severity criteria of emergencies in general pathology to make the correct decision in an emergency.
- perform BLS maneuvers in cardiorespiratory arrest

***ATTITUDES***

- to establish a good practitioner-patient relationship
- to respect the patient
- to acquire the ability to communicate with the patient in order to obtain the data necessary for a correct evaluation.
- to acquire the ability to communicate with the patient to obtain informed consent for investigations and treatment
- to acquire the following skills:
  - a. professional behavior
    - to learn to develop their teamwork skills
    - to collaborate effectively with doctors of other specialties and middle managers
    - to be aware of the need for individual study as a basis for personal autonomy and professional development;
    - to be aware of the importance of continuous medical education in order to improve oneself.
  - b. ethical behavior and jurisprudence
    - to apply ethical principles related to medical practice
    - to respect patients' rights
    - to respect patients and colleagues without discrimination.
  - c. ability to communicate and relate
    - to acquire and use semiological terms correctly.
    - to communicate with the patient and his relatives
    - to interrelate effectively with the work team
    - to maintain a relaxing and constructive working atmosphere.

## 8. CONTENT

<b>8.1. Lecture</b>	<b>Nr. ore</b>
1. Pathology of the respiratory system - Acute tracheobronchitis, chronic obstructive pulmonary disease, asthma, pneumonia, pleurisy, bronchopulmonary neoplasm, pulmonary tuberculosis, chronic respiratory failure.	1,5
2. The main emergencies in respiratory pathology - asthma attack, spontaneous pneumothorax, acute respiratory failure.	1,5
3. Pathology of the cardiovascular system - General principles of prevention of cardiovascular diseases. Arterial hypertension. Ischemic heart disease.-Stable angina pectoris.	1,5
4. Valvulopathies. Infectious endocarditis, Pericarditis. Chronic heart failure. diseases of the arteries and veins	1,5
5. Rhythm and conduction disorders.	1,5
6. Major emergencies in cardiovascular pathology - acute coronary syndromes, pulmonary thromboembolism, acute pulmonary edema.	1,5
7. Pathology of the digestive system - liver diseases, stomach and duodenal pathology, colon pathology, biliary pathology, pancreatic pathology.	1,5
<b>8, Periodic evaluation - written test</b>	1,5
9. Pathology of the renal system - nephritic syndrome, nephrotic syndrome, tubulo-interstitial nephropathies, urinary tract infections, acute and chronic pyelonephritis, renal lithiasis, chronic renal failure .	1,5
10. The main emergencies in renal pathology - renal colic, acute renal failure, acute urinary retention	1,5
11. Hematological diseases – Anemias, acute and chronic leukemias, lymphoproliferative and myeloproliferative syndromes, hemorrhagic syndromes.	1,5
12. The approach in the dental office of the patient chronically treated with anticoagulants / antiplatelet agents.	1,5
13. The approach in the dental office of the patient with hemorrhagic risk conferred by the general pathology The risks of administering anti-inflammatory medication and antibiotic therapy to patients with heart, liver, or kidney disease	1,5
14. The attitude towards an emergency. Emergencies with immediate life risk. Cardiorespiratory arrest.	1,5
<b>TOTAL</b>	<b>21</b>
<b>BIBLIOGRAPHY</b>	
<ol style="list-style-type: none"> <li>1. Harrisons Manual of Medicine, 20th Edition (INTERNAL MEDICINE), 2019;</li> <li>2. Medical Propedeutics - Practical guide to semiological diagnosis in general pathology, Doina Carstea, Publishing House Sitech, 2019.</li> </ol>	

<b>8.2 PRACTICAL WORKS (themes/ subjects)</b>	
<ol style="list-style-type: none"> <li>1. Anamnesis and clinical examination at the patient's bedside.</li> <li>2. Establishing the paraclinical investigation plan</li> <li>3. Preparation of the clinical observation sheet</li> <li>4. Interpretation of laboratory analyzes and paraclinical investigations - laboratory analyses, EKG,.</li> <li>5. Effective participation in the measurement of vital parameters and interpretation.</li> <li>6. Assistance in the evaluation of the critical patient and in the performance of emergency maneuvers by the specialist doctor.</li> <li>7. Monitoring the daily evolution of patients in the salons and recording the pathological changes encountered in the internship notebooks.</li> <li>8. Diagnosis exercises and treatment plan.</li> </ol>	
<b>Topics</b>	
1. Clinical observation sheet - information brought by the anamnesis, clinical examination, interpretation of biological and imaging analyzes - summary notes.	2,5
2. Information provided by the anamnesis, clinical examination and paraclinical investigations in the patient with the pathology of the respiratory system - chronic obstructive pulmonary disease, asthma, pneumonia, pleurisy, chronic respiratory failure.	2,5
3. Diagnosis guidance at the patient's bedside in respiratory pathology emergencies,	2,5
4. Information provided by the anamnesis, clinical examination and paraclinical investigations in the patient with the pathology of the cardiovascular system - Hypertension, chronic ischemic heart disease - stable angina pectoris, valvulopathies, endocarditis, pericarditis, chronic heart failure,	2,5
5. Diagnosis guidance at the patient's bedside in major cardiovascular emergencies - acute myocardial infarction, major rhythm and conduction disorders, pulmonary thromboembolism, acute pulmonary edema.	2,5
6. Electrocardiographic traces - interpretation.	2,5
7. Information provided by anamnesis, clinical examination and paraclinical investigations in the patient with digestive pathology - liver disease, stomach and duodenal pathology, colon pathology, biliary and pancreatic pathology.	2,5
8. Diagnosis guidance at the patient's bedside in digestive pathology emergencies - upper digestive hemorrhage, lower digestive hemorrhage, acute pancreatitis, biliary colic.	2,5
9. Information provided by anamnesis, clinical examination and paraclinical investigations in patients with renal pathology - nephritic syndrome, nephrotic syndrome, renal lithiasis, urinary tract infections, acute and chronic pyelonephritis, chronic renal failure.	2,5
10. Diagnosis guidance at the patient's bedside in renal pathology emergencies - renal colic, acute renal failure, acute urinary retention.	2,5
11. Information brought by the anamnesis, clinical examination and paraclinical investigations in the patient with hematological pathology.	2,5
12. Diagnostic orientation at the patient's bedside to identify the patient with medical risk in the dental office	2,5
13. Evaluation of an emergency case, Interpretation of vital and laboratory parameters in medical emergencies	2,5
14. BLS maneuvers in cardiorespiratory arrest.	2,5
<b>TOTAL</b>	<b>35</b>

<ol style="list-style-type: none"> <li>1. Harrison's Manual of Medicine, 20th Edition (INTERNAL MEDICINE), 2019;</li> <li>2. Medical Propedeutics - Practical guide to semiological diagnosis in general pathology, Doina Carstea, Publishing House Sitech, 2019;</li> <li>3. <a href="https://www.youtube.com/@NursingPage">https://www.youtube.com/@NursingPage</a></li> </ol>
--

**9. CORROBRATION OF THE CONTENTS OF THE COURSE WITH THE EXPECTATIONS OF THE REPRESENTATIVES OF THE EPISTEMIC COMMUNITY, PROFESSIONAL ASSOCIATIONS AND REPRESENTATIVE EMPLOYERS FROM THE FIELD RELATED TO THE PROGRAM**

<ul style="list-style-type: none"> <li>▪ The discipline of Internal Medicine is a specialized discipline, mandatory for a student to practice the profession of dentist,</li> <li>▪ The knowledge, practical skills and attitudes learned in this discipline constitute the foundation of the correct evaluation and management of the patient with general pathology, with direct decision-making implications for solving the dental problems of patients with medical risk.</li> <li>▪ It is expected that the student who has completed this discipline will become a practitioner with a correct orientation on medical conditions, on the serious situation and the momentary and evolving risk of a patient and to subsequently apply a correct management of the patient according to specific criteria .</li> </ul>
--

**10. METHODOLOGICAL REMARKS**

Forms of activity	Teaching / learning techniques, materials, resources: exposition, interactive course, group work, problem-based learning.
Lecture	Lecture, debate, problematization, analysis, synthesis, comparison, generalization, interactive learning for the purpose of feedback, explanation of problems raised by students, consultation, video projector presentations
Practical work	practical applications, execution of diagnostic and therapeutic maneuvers, team activity, exercise method, demonstration, debate, discussion of clinical cases, problem solving
Individual study	Before each lecture and clinical internship

**11. RECUPERATION PROGRAM**

	<b>No. absences that can be recuperated</b>	<b>The venue</b>	<b>Period</b>	<b>In charge</b>	<b>Programming themes</b>
Recuperation of absenced	Maximum 3	Philanthropy Municipal Clinical Hospital - Cardiology Clinic	At the end of the semester, the last week of teaching activity	Associate Professor PhD Dr. Adina Dorina Glodeanu	Depending on the topic of the practical work and the students' schedule
Consultation program/ Student scientific circle		Philanthropy Municipal Clinical Hospital - Cardiology Clinic	Wednesday13-14  Depending on the students' requests	Associate Professor PhD Dr. Adina Dorina Glodeanu	Depending on the topic of the practical work and the students' schedule
Program for poorly prepared students		Philanthropy Municipal Clinical Hospital - Cardiology Clinic	Wednesday13-14  Depending on the students' requests	Associate Professor PhD Dr. Adina Dorina Glodeanu	Depending on the topic of the practical work and the students' schedule

<b>12. EXAMINATION</b>				
<b>Form of activity</b>	<b>Examination</b> (written, written and oral, oral, test, practical application, others)			<b>Percentage of the final grade</b>
	<b>Formative</b>	<b>Periodic</b>	<b>Adder</b>	
<b>Lecture</b>	Oral	Test	Written and oral	<b>10%</b>
<b>Lucrări practice</b>	Medical maneuvers	Test and medical maneuvers	Case presentation	<b>10%</b>
<b>Examen</b>			<b>Practical exam - eliminary Written exam</b>	<b>60%</b>
<b>Periodic check</b>		<b>Test</b>		<b>20%</b>
<b>13. PROFESSIONAL GUIDANCE AND COUNSELING PROGRAMS</b>				
<b>Orientation and professional counseling programs (2 hours/month)</b>				
<b>Scheduling hours</b>		<b>The venue</b>		<b>The person in charge</b>
The third Friday of the month, 14-16		Philanthropy Municipal Clinical Hospital - Cardiology Clinic		Associate Professor PhD Dr. Adina Dorina Glodeanu

**Date of approval in the department: 14.02.2024**

**Department manager,  
Professor PhD Dr. Horia Octavian  
MANOLEA**

**Study program coordinator,  
Professor PhD Dr. Adrian  
CAMEN**

**Responsible for discipline,  
Associate Professor PhD Dr. Adina  
Dorina GLODEANU**

Note:

- 1) Study cycle - choose one of the options: L (license)/ M (master's)/ D (doctorate).
- 2) Type (content) - choose one of the options:
  - for the degree level: DF (fundamental discipline)/ DD (field discipline)/ DS (specialized discipline)/ DC (complementary discipline);
  - for the master's level: DA (deepening discipline)/ DS (synthesis discipline)/ DKA (advanced knowledge discipline).
- 3) Discipline regime (compulsory) - choose one of the variants: DI (compulsory discipline)/ DO (optional discipline)/ DFac (optional discipline).
- 4) One credit is equivalent to 25-30 study hours (teaching activities and individual study).
- 5) A bonus may be granted for attendance.
- 6) From the 5 professional skills (those that appear in the transcript) choose the ones that fit the discipline.
- 7) There are 3 transversal skills and they are marked from C6 - C8: C6. Autonomy and responsibility; C7. Social interaction; C8. Personal and professional development