

DISCIPLINE SHEET**ACADEMIC YEAR****2022- 2023****1. DATA ABOUT THE STUDY PROGRAM**

1.1 Institution of higher education	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	8
1.4 Study Domain	HEALTH
1.5 Study cycle	LICENCE
1.6 Study program/ Qualification	MEDICINE

2. DATA ABOUT THE DISCIPLINE

2.1 DISCIPLINE NAME	GYNECOLOGIC ONCOLOGY				
2.2. Discipline code	MED6112.2				
2.3 The holder of course activities	DOMINIC GABRIEL ILIESCU				
2.4 The holder of seminar activities	-				
2.5. Academic degree	Associate Professor, MD, PhD, MSc				
2.6. Employment (base norm/associate)	Base norm				
2.7. Year of study	VI	2.8. Semester	I	2.9. Course type (content) 2.10. Regime of discipline (compulsoriness)	CRD

3. THE ESTIMATED TOTAL TIME (teaching hours per semester)

3.1 Number of hours per week	1	3.2 From which - course	1	3.3 seminary/laboratory	-
3.4 Total hours in curriculum	14	3.5 From which - course	14	3.6 seminary/laboratory	-
Time found distribution (hours)					
Study from manual, course support, bibliography, and notes					10
Additional documentation in the library, specialized electronic platforms and, on the field					8
Training seminars / labs, homework, reports, portfolios, and essays					12
Tutoring					2
Examinations					4
Other activities, counselling, student scientific programs					-
3.7 Total hours of individual study	36				
3.9 Total hours per semester	50				
3.10 Number of credits	2				

4. PREREQUISITES (where appropriate)

4.1 curriculum	Students must have a sound knowledge of anatomy, physiology, pharmacology, medical and surgical semiology, medical oncology, surgery, gynaecology
4.2 competency	-

5. CONDITIONS (where appropriate)

5.1. of course deployment	-
5.2. of seminary/ lab deployment	Preparing in advance by individual study, from the literature presented, the surgical techniques for understanding their application to the clinical cases presented.

6. SPECIFIC COMPETENCES ACCRUED

PROFESSIONAL COMPETENCES	C1. Identification the disease status and establishing the correct diagnosis. C2. Designing and implementing of a treatment plan appropriate for identified condition (diseases). C5. To initiate and conduct a scientific research activity and / or a training activity inside the field of competence
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TRANSVERSAL COMPETENCES	<p>CT1. Autonomy and responsibility</p> <ul style="list-style-type: none"> the acquisition of moral reference points, the formation of professional and civic attitudes, that will allow to the students to be fair, honest, helpful, understanding, unconflictuals, to cooperate and to be comprehensive in the face of suffering, to be available to help people, and to be interested in community development; to know, to respect and to contribute to the development of moral values and professional ethics; to learn how to recognize the problems when they arise, and provide solutions for solving them. <p>CT2. Social interaction</p> <ul style="list-style-type: none"> to recognize and to have respect for diversity and multiculturalism; to have or to learn how to develop teamwork skills; to communicate orally and in writing the manner of work requirements, the obtained results, to consult with the team; to engage themselves in voluntary activities, to know the essential problems of the community. <p>CT3. Personal and professional development</p> <ul style="list-style-type: none"> to have opening to lifelong learning, to be aware for self-study as a basis of personal autonomy and professional development; to derive the optimum and creative potential in their own collective activities; to know how to use information and communication technologies.
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7. DISCIPLINE OBJECTIVES (based on the grid of specific competences acquired)

7.1 The general objective of the discipline	The objective of Gynaecologic Oncology discipline is to provide 6 th year students with the informational and logistical support needed to understand, diagnose, treat and prevent woman's breast and genital malignant pathology, and the ability of a coherent and multidisciplinary therapeutic approach, in order to combine scientifically the gynaecological oncology surgery, radiotherapy, chemotherapy and antineoplastic hormone therapy. We want to give students the information, training and experience of our work in the prevention, diagnosis and treatment of malignancies of the female genitalia, on the one hand and the mammary gland, on the other hand.
7.2 The specific objectives of the discipline	<p>By the curricula adapted to European quality standards, by teaching and evaluation methods used by involving students in research and evaluation of patients, Gynaecologic Oncology discipline aims to build cognitive skills, practical skills and attitudes that underpin any preventive, diagnostic, curative and rehabilitation medical act in the breast and genital malignant pathology.</p> <p>Upon completion, the student will be able to acquire</p> <p>COGNITIVE SKILLS, which will allow to:</p> <ul style="list-style-type: none"> analyze and synthesize the information received, on the diagnosis and treatment of genital and breast malignant pathology competently select the most appropriate methods and therapeutic plans, adapting them to each case describe, explain and evaluate the pathophysiological mechanisms involved in the occurrence of genital and breast neoplastic disease describe, explain and evaluate the mechanisms by which the human body defends from and/or adapts to the disease know the clinical picture of major genital and breast malignant diseases: cancer of the ovary, endometrium cancer, tubal cancer, neoplasm of the cervix, vaginal cancer, vulvar malignancies and breast malignant pathology know the full range of screening and diagnostic laboratory examinations for genital and breast pathology: biological, hormonal, imaging, histopathological know the basic surgical techniques used in genital and breast malignant pathology integrate theoretical and practical knowledge acquired in Gynecological Oncology discipline with those obtained from other medical and surgical disciplines know therapeutic protocols of the discipline communicate clearly, rigorously the knowledge and the results <p>PRACTICAL SKILLS</p> <ul style="list-style-type: none"> form a team, share tasks, collaborate, communicate patients' needs, evaluate the therapeutic possibilities according to medical protocols, select the most appropriate therapy and recommend it, discuss with the team the expected results. perform emergency and palliative care manoeuvres specific to genital and

	<p>breast malignant pathology</p> <ul style="list-style-type: none"> ▪ collect biological products necessary for screening tests (eg. Papanicolau ex. Vaginal, HPV genotyping) and interpret the deviations from the normal biological parameters ▪ perform tissue sampling for pathologic / histopathological examination (endometrial biopsy, cervical biopsy) ▪ know and execute the clinical examination in the genital and breast malignant pathology ▪ recommend regular controls schedule and content ▪ read the laboratory examinations results ▪ write specific medical prescriptions <p>ATTITUDES</p> <ul style="list-style-type: none"> • be open to acquiring moral guidelines, training professional and civic attitudes, allowing students to be fair, honest, adversarial, cooperative, sympathetic to suffering, available to help people, interested in the community's development; • know, respect and contribute to the development of moral values and professional ethics; • learn to recognize when a problem arises and provide responsible solutions for solving it. • recognize and respect for diversity and multiculturalism; • have or learn to develop teamwork skills; • communicate orally and in writing the requirements, the working methods, the results, consult with the team; • engage in voluntary work, know the key issues of the community. • be open to lifelong learning • appreciate the need of individual study as the basis of personal autonomy and professional development; • optimally exploit their own creative potential and collective activities; • know how to use information and communication technology; • take initiative to engage in educational and scientific activities of the discipline.
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8. CONTENTS

8.1 Course (content units)	Nr. ore
<p>1. Dysplastic or precursor lesions of vulvar cancer (vulvar intraepithelial neoplasia VIN)</p> <p>1.a. Definition, classification 1.b. Clinical aspects of vulvar dysplasia 1.c. Clinically visible lesions 1.d. Clinically visible lesions (vulvoscopy intake)</p>	1
<p>2. Malignant vulvar tumours</p> <p>2.a. The notion of non-invasive vulvar cancer 2.b. Invasive vulvar cancer (CIV) 2.c. Vulvar neoplasia clinic 2.d. Pathology in vulvar cancer 2.e Stage classification of vulvar malignant tumours</p>	1
<p>3. Bartholin gland cancer</p> <p>3.a. Etiology, frequency 3.b. Bartholin gland cancer diagnosis 3.c Histopathological aspects</p>	1
<p>4. Secondary vulvar cancer</p> <p>4.a. Starting points in other organs 4.b. Choriocarcinoma as a starting point 4.c. Gastro-intestinal metastasis of vulvar cancer 4.d. Metastasis (retrograde lymphatic) route</p>	1
<p>5. Vaginal cancer precursor lesions</p> <p>5.a. Vaginal intraepithelial neoplasia (VaIN) 5.b. Importance of vaginoscopy 5.c. Vaginal cancer in situ</p>	1

6. Primitive cancer of the vagina 6.a. Pathology 6.b. Stage classification of malignant tumours of the vagina 6.c. Clinical symptoms of vaginal cancer 6.d. Vagina sarcomas	1
7. Precursor lesions of cervical cancer (dysplasia, CIN, SIL) 7.a. Epidemiology, history, boundary 7.b. Risk factors 7.c. Cytological screening 7.d. Colposcopy examination	1
8. Cervical cancer 8.a. Etiopathogeny 8.b. Pathology 8.c. Symptoms of cervical cancer 8.d. Evolution stage	1
9. Cervical cancer and pregnancy 9.a. Diagnosis 9.b. Staging 9.c. Therapeutic principles, conduct	1
10. Malignant proliferative lesions of endometrial cancer (adenocarcinoma of the endometrium) 10.a. Clinical study 10.b. Laboratory examinations 10.c. Classification of endometrial cancer 10.d. Histopathology of endometrial cancer (histological varieties, histo-pathological grading)	1
11. Ovarian cancer 11.a. Clinical, positive diagnostic 11.b. Laboratory examinations 11.c. Differential diagnosis 11.d. Prognostic	1
12. Malignant tumours of the fallopian tube 12.a. Tubal primitive malignant tumours 12.b. Pathology 12.c. Investigations, explorations 12.d. Curative treatment	1
13. Breast malignant pathology 13.a. Epidemiology, risk factors 13.b. Diagnosis 13.c. Pathological anatomy, oncological anatomy 13.d. Staging	1
14. Treatment of breast cancer 14.a. Surgery 14.b. Radiotherapy 14.c. Chemotherapy 14.d. Hormone therapy, secondary target, inhibitors of osteoclasts	1
BIBLIOGRAPHY 1. Hoffman BL, Schorge JO, Bradshaw KD, Halvorson LM, Schaffer JI, Corton MM. Williams Gynecology, Third edition , McGraw-Hill Education 2016, ISBN 978-0-07-184908-1. 2. Peltecu GC, Tropé CG. Gynecologic Oncology , The Publishing House of the Romanian Academy, 2010, ISBN: 978-973-27-2015-8. 3. Arthur F. Haney, MD; Beth Y. Karlan, MD; Ingrid E. Nygaard, MD; Ronald S. Gibbs, MD. Danforth's Obstetrics and Gynecology, 10th Ed , Lippincott Williams & Wilkins 2008, ISBN-13: 978-0-7817-6937-2.	
8.2 Practical work (topics / themes) -	-

9. CORROBORATING THE DISCIPLINE CONTENT WITH THE EXPECTATIONS OF EPISTEMIC COMMUNITY REPRESENTATIVES, PROFESSIONAL ASSOCIATIONS AND EMPLOYEE REPRESENTATIVES RELATING TO THIS PROGRAM

▪Gynaecological Oncology Discipline is an element of study and medical training, complementary and useful to the discipline Obstetrics and Gynaecology, absolutely necessary in preparing future resident physician in Obstetrics and Gynaecology, in the context of the increased frequency of genital and breast malignant pathology, both in obstetric and in gynaecology practice. Knowledge, practical skills and attitudes learned in this discipline provide medical graduates with an extra criterion as a first choice specialisation for residency training or as second specialisation in the field.

10. METHODOLOGICAL LANDMARKS

Types of activity	Teaching / learning techniques, materials, resources: exposure, interactive course, group work, learning by problems/projects etc.
Course	The following combined methods are used: lecture, debate, brainstorming
Practical work	The following combined methods are used: Presentation of clinical cases, practical applications, case study projects
Individual study	Before each course and each practical work

11. RECOVERY PROGRAM

	No. absences that can recover	Location of deployment	Period	In charge	Scheduling of topics
Absences recoveries	3	Emergency County Hospital Craiova, Obstetrics and Gynaecology Clinic II	Last week of the semester	Lecture holder	Chronologically, two home works/day
Schedule consultations / Students' Scientific Program	2+2 hours/week	Emergency County Hospital Craiova, Obstetrics and Gynaecology Clinic II	Weekly	Lecture holder	Home work of the week
Program for students poorly trained	2 hours/week	Emergency County Hospital Craiova, Obstetrics and Gynaecology Clinic II	Weekly	Lecture holder	Home work of the week

12. ASSESMENT

Activity	Types of assesment	Methos of evaluation	Percentage of final grade
Lecture	Formative assesment through interactive questions and survey during the semester, Summative during the exam	Multiple Choice Questions Answering System (MCQ)/MCQ 2.	60%
Practical work	Formative evaluation through clinical cases presentations during the semester. Periodic evaluation during the semester, Summative during the exam.	Interactive oral examination based on clinical cases/ clinical topics/	20%
Periodic assesment			10%
Assement of individual activities			10%
Minimum performance standard	Minimum 50% when evaluating the lecture content		

13. GUIDANCE AND COUNSELLING PROGRAMS

Professional guidance and counselling programs (2 hours/monthly)		
Scheduling the hours	Location	In charge
Last Friday of the month	Emergency County Hospital Craiova, Obstetrics and Gynaecology Clinic II	Lecture holder

Endorsement date in the department: 04.09.2022

Department Director,
Prof. Nicolae CERNEA

Coordinator of study program,
Prof. Marius Eugen CIUREA

Discipline holder,
Assoc. Prof. Dominic ILIESCU