**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 | 6 |
| 1.4 Study Domain | HEALTH |
| 1.5 Study cycle | LICENCE |
| 1.6 Study program/ Qualification | Medicine |

## 2. DATA ABOUT THE DISCIPLINE

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|---|---|---|---|---|---|
| 2.1 DISCIPLINE NAME | | | **CLINICAL ANDROLOGY** | | |
| 2.2. Discipline code | | | MED4215.4 | | |
| 2.3 The holder of course activities | | | Lecturer Octavian Dragoescu, MD. PhD. | | |
| 2.4 The holder of seminar activities | | | - | | |
| 2.5.Academic degree | | | Lecturer | | |
| 2.6. Employment (base norm/associate) | | | **Base norm** | | |
| 2.7. Year of study | **IV** | 2.8. Semester | **II** | 2.9. Course type (content)<br>2.10. Regime of discipline (compulsoriness) | **ESD** |

## 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 | | | | | **20** |
| Additional documentation in the library, specialized electronic platforms and, on the field | | | | | **12** |
| Training seminars / labs, homework, reports, portfolios, and essays | | | | | **2** |
| Tutoring | | | | | **1** |
| Examinations | | | | | **1** |
| Other activities, counselling, student scientific programs | | | | | |

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|---|---|
| 3.7 Total hours of individual study | **36** |
| 3.9 Total hours per semester | **50** |
| 3.10 Number of credits | **2** |

## 4. PREREQUISITES (Where applicable)

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| 4.1 Curricular | Students must have knowledge of anatomy, physiology, urology, imagistics. |
| 4.2 Skills | |

## 5. CONDITIONS (Where applicable)

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| 5.1. for lectures | Prepare in advance by individual study |
| 5.2. for practical classes | |

## 6. SPECIFIC COMPETENCES ACCRUED

**PROFESSIONAL COMPETENCES**

**C1** - To identify medical conditions and to establish the correct diagnosis of the urological condition (disease) or comorbidities. Understanding the specific patient circuit in urology and urology department.

**C2** – Appropriate therapeutic plan development according to specific urologic conditions. Learning medical and surgical emergency procedures. The ability to get help in any situation. Ability to use various surgical tools specific for urology. Ability to perform specific treatments that fall within his/her competence (injections, iv infusions, dressings, insertion/removal of urethral catheter, manage drain tubes, removing stiches, etc).

**C3** – Correct individual or collective professional injury risk evaluation, followed by appropriate preventive and corrective actions.

**C4** – To address health issues that are relevant or directly related to the social, economic and/or cultural community.

**C5** - To initiate and conduct a scientific research

| | |
|---|---|
| **TRANSVERSAL COMPETENCES** | **CT1.** Autonomy and responsibility<br>• acquisition of moral guidelines, training of professional and civic attitudes that allow students to be fair, honest, non-confrontational, cooperative and understanding in the face of suffering, ready to help people interested in community development needs;<br>• to know, respect and contribute to the development of moral values and professional ethics;<br>• learn to recognize when a problem arises and provide responsible solutions to solve them.<br>**CT2.** Social interaction;<br>• recognize and have respect for diversity and multiculturalism;<br>• have or learn to develop teamwork skills;<br>• to communicate orally and in writing requirements, working methods, results, consult with the team;<br>• to get involved in volunteering, know the key issues of the community.<br>**CT3.** Personal and Professional Development<br>• to be open to lifelong learning,<br>• aware of the need for individual study as the basis of personal autonomy and professional development;<br>• to optimally exploit its potential in creative and collective activities;<br>• ability to use information and communication technology. |

## 7. DISCIPLINE OBJECTIVES (based on the grid of specific competences acquired)

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|---|---|
| 7.1 The general objective of the discipline | Upon completion of the discipline the student should be able to recognize the signs and symptoms that characterize urological disorders, to develop diagnostic and therapeutic principles specific to andrology. |
| 7.2 The specific objectives of the discipline | Upon completion of the discipline the student should be able of:<br>• Knowledge and understanding of the principles of treatment of urological diseases,<br>• Mastering and continuous improvement of clinical thinking logical, integrated and flexible to operate effectively with the available data,<br>• Explanation and interpretation of physiological and anatomical foundations highlighting their relationship with clinical and laboratory manifestations of urological diseases,<br>• Deepening analytical and synthetic logic symptoms and clinical signs and the correct interpretation of laboratory investigations,<br>• Integrating logical and organized with the basic theoretical data obtained through clinical examination, laboratory analysis and exploration operations into a single unit able to establish a diagnosis and as early as possible,<br>• Mastering methodology and specific skills in clinical examination of urological patients (history, physical exam), interpretation of laboratory investigations (laboratory tests, Rx, Echo, Endoscopy, CT, R-MN, histopathology, etc.)<br>• Mastering preoperative preparation methodology and specific skills, including postoperative care,<br>• Presentation clinically significant diagnostic and therapeutic aspect,<br>• Assisting small operations and urological interventions,<br>• Event of a positive and responsible attitude by cultivating an atmosphere of academic, intellectual motivating and instilling passion for medicine by promoting moral values and democratic<br>• Optimally and its creative potential in integrated care that includes professional activity,<br>• Emphasis permanent promotion, with a focus, research and scientific innovations,<br>• To be able to integrate knowledge from other disciplines. |

## 8. CONTENTS

| **8.1 Course (content units)** | Hours |
|---|---|
| 1. Introduction. Andrologic semiology. Urethral and penile conditions. | 2 |
| 2. Testis and scrotum. | 2 |
| 3. Prostate and seminal vesicles. | 2 |
| 4. Male infertility. | 2 |
| 5. Male sexual disorders. | 2 |
| 6. Genital dermatological conditions. | 2 |
| 7. Male genital infections. | 2 |
| **Total** | **14** |
| **BIBLIOGRAPHY**<br>1. Cursul predat.<br>2. Tomescu P., Mitroi G., Pănuș A, Drăgoescu O. Urologie. Ed. Med. Univ. Craiova, 2016.<br>3. Sinescu I., Gluck G. Tratat de Urologie. Editura Medicală, București, 2008 | |

| 8.2 Practical work (topics / themes) | - |
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## 9. CORROBORATING THE DISCIPLINE CONTENT WITH THE EXPECTATIONS OF EPISTEMIC COMMUNITY REPRESENTATIVES, PROFESSIONAL ASSOCIATIONS AND EMPLOYEE REPRESENTATIVES RELATING TO THIS PROGRAM

- Andrology is a specialty discipline, useful for a student to become a doctor.
- Knowledge, practical skills and attitudes learned in this discipline makes it possible to establish a correct diagnosis, comprehensive and timely surgical treatment of andrology diseases requiring by rule an information rich baggage, well organized, structured on the fundamental concepts.
- Practical skills learned allow re perform specific manoeuvres and treatment of andrology disorders.

## 10. MHETODOLOGICAL LANDMARKS

| Types of activity | Techniques of teaching / learning materials, resources: lecture, interactive group work, etc |
|---|---|
| Course | Prelegate, debate, questioning. |
| Practical work | |
| Individual study | *Prior to courses, exam (36 hours of individual study)* |

## 11. RECOVERY PROGRAMME

| Absence recovery | **No. absences that can recover** | **Location of deployment** | **Period** | **In charge** | **Scheduling of topics** |
|---|---|---|---|---|---|
| | 2 | Urology Department/online | Weekly | Assist. Prof. Dr. Andrei Drocaş. | 1-2 topics/day |
| Schedule consultations / Students' Scientific Program | - | Urology Department/online | Monthly | Assist. Prof. Dr. Andrei Drocaş. | Scheduled topics |
| Program for students poorly trained | - | Urology Department/online | Weekly | Assist. Prof. Dr. Andrei Drocaş. | Weekly topic |

## 12. EVALUATION

| **Activity** | **Type of assessment** | **Methods of evaluation** | **Percentage of final grade** |
|---|---|---|---|
| **Lecture** | Formative assessment through debates and surveys during the semester<br>Summative assessment during the exam | Multiple Choice Questions Answering System (MCQ)/MCQ with the help of the IT platform in the online version. | 90% |
| **Practical work** | | | |
| **Periodic assesment** | | | |
| **Assement of individual activities** | | | 10% |
| **Minimum performance standard** | At least 50% for each component of the evaluation | | |

## 13. GUIDANCE AND COUNSELLING PROGRAMS

**Professional guidance and counselling programs (2 hrs/months)**

| **Scheduling the hours** | **Location** | **In charge** |
|---|---|---|
| 2 hours | Urology department/online | Lecturer Octavian Drăgoescu MD |

**Endorsement date in the department: 27.09.2022**

| **Department Director,** | **Coordinator of study program,** | **Discipline holder,** |
|---|---|---|
| **Prof. Valeriu ŞURLIN** | **Prof. Marius Eugen CIUREA** | **Lecturer Octavian DRĂGOESCU** |