



DISCIPLINE FILE

1. Data about programme

1.1.	“CAROL DAVILA” UNIVERSITY OF MEDICINE AND PHARMACY
1.2.	FACULTY OF MEDICINE/ DEPARTMENT IV Cardio- Thoracic Pathology
1.3.	DISCIPLINE Thoracic Surgery – “Prof Dr. Al. Trestioreanu” Institute of Oncology Bucharest and Clinical Basis „Dr. Carol Davila” University Emergency Central Military Hospital Bucharest
1.4.	STUDY DOMAIN : Health
1.5.	STUDY CYCLE: Licence
1.6.	STUDY PROGRAME: MEDICINE – ENGLISH MODULE

2. Data about discipline

2.1.	Name of the discipline: THORACIC SURGERY						
2.2.	Location of the discipline: „Dr. Carol Davila” University Emergency Central Military Hospital Bucharest						
2.3.	Lecture activity holder: Professor dr. Horvat Teodor, > 25 years seniority at work Associate Professor dr. Nistor Claudiu Eduard, >25 years seniority at work Senior Lecturer dr. Motaş Natalia, 15-20 years seniority at work Senior Lecturer dr. Ciuche Adrian, 20-25 years seniority at work						
2.4.	Seminary activities holder: Associate Professor Nistor Claudiu Eduard, > 25 seniority at work Senior Lecturer dr. Motaş Natalia, 15-20 seniority at work Senior Lecturer dr. Ciuche Adrian, 20-25 ani seniority at work University Assistant dr. Davidescu Mihnea Dan, 20-25 seniority at work University Assistant dr. Burlacu Alin Ionuţ, fixed-term contract University Assistant dr. Rădulescu Iulian Mihai, < 10 seniority at work University Assistant dr. Dobrea Andrei, fixed-term contract						
2.5. Year of study	IV	2.6. Semester	I, II	2.7. Type of evaluation	Written exam	2.8. Regimen of discipline	Mandatory

3. Total estimated time (hours/semester of didactic activity) – modular education

Nr hours/week		From which : lecture		Seminary	
Total hours of educational plan	10	From which : lecture	4	Seminary	6
Distribution of total time					hours

Study using manual, lecture support, bibliography and notes		
Suplimentary documentation in library, on speciality electronic platforms and on field		
Seminary preparation/ laboratories, homeworks, repherates, portofolios and essays		
Tutoring		
Examination		
Other activities		
Total individual study hours		
Number of credits		

4. Preconditions (if is the case)

4.1. of curriculum	Fundamental knowledge of anatomy, physiology and physiopathology of the respiratory system
4.2. of competences	General clinical examination of the patient, general surgical techniques and maneuvers

5. Conditions (if is the case)

5.1. to conduct de lecture	Power Point presentation, video projector use
5.2. to conduct the seminar	Endowment with the necessary equipment to carry out the practical work

6. Accumulated specific competences

Professional competences (express through knowledge and skills)	Knowledge useful in later development as a student: <ul style="list-style-type: none"> - the main oncological thoracic diseases - the main surgical emergencies in oncological thoracic diseases - surgical indications in thoracic pathology - the principles of surgical treatment in oncological thoracic diseases and thoracic emergencies
Transversal competences (of role, professional development, personal)	<ul style="list-style-type: none"> - ability to recognize a thoracic surgically emergency - ability to work in a team - communications skills with patients and relatives - empathetic abilities and deontological behaviour

7. Objectives of the discipline (based on the specific competences grid)

5.1. General objective	to recognize a thoracic surgically emergency to know the main oncological thoracic diseases
5.2. Specific objective	Knowledge useful in later development as a student: <ul style="list-style-type: none"> - the main oncological thoracic diseases - the main surgical emergencies in oncological thoracic diseases - surgical indications in thoracic pathology - the principles of surgical treatment in oncological thoracic diseases and thoracic emergencies

8. Contents

8.1. Lecture	Teaching methods	Observations
Lecture 1: Thoracic trauma Thoracic wall trauma Lung hydatid cyst Mediastinal tumors Surgical treatment for broncho-pulmonary cancer	Power Point presentations, medical didactic videos, oral presentations, interactive lessons	2 hours
Lecture 2: Surgical pathology of pleural diseases: Pneumothorax Malignant pleural effusions Surgical pathology of the pericardium: Malignant pericardial effusions	Power Point presentations, medical didactic videos, oral presentations, interactive lessons	2 hours
8.2. Clinic seminar	Teaching methods	Observations
SC 1: Medical imaging case study Preoperative assessment and preparation of thoracic surgery patient Thoracic drainage Postoperative monitoring of thoracic surgery patient	Power Point presentations, medical didactic videos, oral presentations, interactive lessons Operating theatre (optional)	3 hours
SC 2: Basic surgical skills	Surgical 3D Simulator with tactile feedback Didactic videos, oral presentation Operating theatre (optional)	3 hours
Lecture and Seminar Bibliography Horvat Teodor (editor): Vol.IV: Chirurgie Toracică. from: Popescu Irinel (editor): Tratat de Chirurgie, Editura Academiei Române, București, 2008. Claudiu E. Nistor, Steven Tsui, Kaan Kirali, Adrian Ciuche, Giuseppe Aresu, Gregor Kocher (editors): Thoracic Surgery. Cervical, Thoracic and Abdominal Approaches, Springer Nature Switzerland AG 2020		

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9. Discipline content in conjunction with expectations of representations of the epistemic community, professional associations and representative employers from the program domain

Later development of the student promote success for residency exams and them medical career
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10.Evaluation

Type of activity	Evaluation criteria	Evaluation methods	Percentage of the final mark
Lecture	Theoretical knowledge	Written exam	
Seminar			
Minimum performance standard			
• Minimum 50%			

Completion date:

Signature of lecture holder

Signature of seminar holder

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Approval date in Department Council:

Signature of Department Director

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