

Course description

Part 1

General information about the course		
1. Major of study: Physiotherapy	2. Study level: Uniform master degree full-time, general academic profile	
	3. Form of study: stationary	
4. Year: II / Educational cycle 2022-2027	5. Semester: III	
6. Course name: Clinical basics of physiotherapy in: Cardiology and Cardiosurgery		
7. Course status: required		
8. Course contents and assigned learning outcomes		
Gaining knowledge of pathophysiology of circulatory system diseases, indications and contraindications for cardiological rehabilitation, the system of qualifying for cardiological rehabilitation programs and of monitoring the course of circulatory rehabilitation.		
Learning outcomes / reference to learning outcomes indicated in the standards		
For knowledge – student knows and understands: DW.3, DW.15		
For social competencies student is ready to: establish and maintain good rapport with the patient, respecting ideological and cultural diversities; observe the patient's rights and the rules of professional ethics; ;/ p.1.3. general learning outcomes/		
9. Number of hours for the course		34
10. Number of ECTS points for the course		2
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Oral evaluation – open questions Grade credit – MCQ	*
Skills	Observation of skills during practica classes	*
Competencies	Observation	*

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department of Cardiology, 45-47 Ziołowa street, 40-635 Katowice; e-mail:gcm-kk2@sum.edu.pl; amanka@sum.edu.pl www. klinkardwnoz.sum.edu.pl		
13. Name of the course coordinator: Prof Zbigniew Gąsior MD, PhD		
14. Prerequisites for knowledge, skills and other competencies: Basic knowledge of cardiology		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	Notice-board, Cardiology Department, 4th floor, e-learning platform	
17. Location of classes	Department of Cardiology, 45-47 Ziołowa street, 40-635 Katowice, 4th floor; In accordance with time-table	
18. Location and time for contact hours	Department of Cardiology, 45-47 Ziołowa street, 40-635 Katowice 4th floor; In accordance with information on notice-board, Cardiology Department,	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
C_K01	Student knows and understands etiology, pathomechanism, manifestations and the course of the most prevalent diseases in the area of: cardiology and cardiosurgery, at the scope ensuring rational use of physiotherapies\;	DW.3
C_K02	Student knows and understands management of an unconscious patient, with acute circulatory failure, acute respiratory failure, in shock, diagnosed sepsis, in mechanical ventilation, after cerebrocranial injury and after multiple injury;	DW.15
.....		
20. Forms and topics of classes		Number of hours
20.1. Lectures		12
Clinical basics of physiotherapy in cardiology		12
20.2. Seminars		10
Clinical basics of physiotherapy in cardiology		5

Clinical basics of physiotherapy in cardiosurgery	5
20.3. Practical classes	12
<p>1.General rules of cardiological medical history and physical examination for physiotherapy, important additional functional tests useful for cardiological rehabilitation.</p> <p>Additional tests in circulatory diseases diagnostics and cardiological rehabilitation- electrocardiography and ultrasonography, invasive tests, ECG functional examination,cardiological patient monitoring - 24hr ECG, telemetry.</p> <p>Functional tests in diagnostics and cardiological rehabilitation - test types and selection, safety rules. Basic cardiological symptoms important for the process of rehabilitation.</p> <p>Clinical evaluation of the patient's condition according to NYHA.</p>	4
<p>2. Ischaemic heart disease. Myocardial infarct. Organic heart diseases in adults.</p> <p>Other diseases of circulatory system - arterial hypertension, circulatory insufficiency, arrhythmias and conduction disorders in heart.</p>	4
<p>3. Indication for the cardiosurgical operation and postoperative complications.</p> <p>Life threatening conditions. Most important contraindications and restrictions resulting from the patient condition. The principles of circulatory-respiratory resuscitation.</p>	4
20.4 Self-study	16
21. Readings	
<p>Harrison's Principles of Internal Medicine 19th Edition 2016 - Dennis L. Kasper</p> <p>Handbook of critical and intensive care medicine. Varon Joseph. Springer Int 2016</p>	
22. Detail evaluation criteria	
<p>In accordance with the recommendations of the inspection bodies</p> <p>Completion of the course – student has achieved the assumed learning outcomes</p> <p>Detail criteria for completion and evaluation of the course are specified in the course regulations</p>	