

CARDIAC REHABILITATION

1	Course Title:	CARDIAC REHABILITATION
2	Course Code:	FTR3008
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	6
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	1.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. Özden ÖZKAL
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	Dr. Öğr. Üyesi Özden ÖZKAL e-posta:ozdenozkal@uludag.edu.tr tel:0224-2942450/55372 Adres: Bursa Uludağ Üniversitesi Sağlık Bilimleri Fakültesi Fizyoterapi ve Rehabilitasyon Bölümü Görükle Kampüsü-Bursa
17	Website:	
18	Objective of the Course:	Recognition of problems in patients with cardiovascular problems, evaluation of patients with appropriate evaluation methods, selection of cardiac rehabilitation approaches and applications, and planning and implementation of the appropriate treatment program for the patient.
19	Contribution of the Course to Professional Development:	Within the scope of this course, students are given the ability to prepare a personalized cardiac rehabilitation program by choosing appropriate assessment methods for individuals with cardiac problems.
20	Learning Outcomes:	
	1	Explain the basic concepts of cardiac rehabilitation.
	2	Defines the clinical features of cardiovascular diseases.
	3	98 / 5.000 Çeviri sonuçları Evaluates patients with cardiovascular problems in terms of physical, physiological and functional aspects.
	4	Plans and implements physiotherapy and rehabilitation approaches in patients with cardiovascular problems.
	5	Evaluates the quality of life and psychosocial status of patients with cardiovascular problems and gives a home program.
	6	Analyzes risk factors in people with cardiovascular risk.
	7	Makes patient education and behavior modification in people with cardiovascular risk.
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21	Course Content:	

Course Content:		
Week	Theoretical	Practice
1	Course content and description	Course content and description
2	History, definition and components of cardiac rehabilitation	History, definition and components of cardiac rehabilitation
3	Definition and general characteristics of major heart diseases	Definition and general characteristics of major heart diseases
4	Cardiovascular assessment and electrocardiography	Cardiovascular assessment and electrocardiography
5	Early cardiac rehabilitation program	Early cardiac rehabilitation program
6	Modifiable risk factors and treatment	Modifiable risk factors and treatment
7	Exercise tests used in cardiovascular diseases	Exercise tests used in cardiovascular diseases
8	Outpatient cardiac rehabilitation program Exercise training	Outpatient cardiac rehabilitation program Exercise training
9	Different exercise training models in cardiovascular diseases	Different exercise training models in cardiovascular diseases
10	Patient education and physical activity counseling in cardiac rehabilitation	Patient education and physical activity counseling in cardiac rehabilitation
11	Cardiac rehabilitation after revascularization and cardiac surgery (valve, transplant)	Cardiac rehabilitation after revascularization and cardiac surgery (valve, transplant)
12	Cardiac rehabilitation in pacemaker and left ventricular assist device applications	Cardiac rehabilitation in pacemaker and left ventricular assist device applications
13	Rehabilitation in peripheral vascular diseases	Rehabilitation in peripheral vascular diseases
14	Special topics in cardiac rehabilitation: Elderly, Female, Pregnancy, COVID-19 and cardiovascular involvement	Special topics in cardiac rehabilitation: Elderly, Female, Pregnancy, COVID-19 and cardiovascular involvement
22	Textbooks, References and/or Other Materials:	1. ACSM's Guidelines for Exercise Testing and Prescription. 10th ed. Philadelphia: Lippincott Williams & Wilkins, 2017. 2. Pryor JA, Prasad AS. Physiotherapy for Respiratory and Cardiac Problems: Adults and Paediatrics. 4th ed. Edinburgh: Churchill Livingstone, 2011. 3. American Association of Cardiovascular and Pulmonary Rehabilitation. Guidelines for Cardiac Rehabilitation Programs. 6th ed. USA: Human Kinetics, 2020. 4. Main E, Denehy L. Cardiorespiratory Physiotherapy: Adults and Paediatrics. 5th ed. UK: Elsevier, 2016.
23	Assesment	
TERM LEARNING ACTIVITIES		
	NUMBE R	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Relative evaluation
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	1.00	14.00
Self study and preperation	14	5.00	70.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			114.00
Total work load/ 30 hr			3.80
ECTS Credit of the Course			4.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			