

COURSE INFORMATION					
Course Title	Code	Semester	Lecture+Practice+Labrotory Hour	Credits	ECTS
Cardiology (Clinical Clerkship)	MED 405	4/7-8	28+32	5	5*

\* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

<b>Prerequisites</b>	The student that joins this course, should have at least the Phase 3 knowledge level in medical faculty.
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<b>Language of Instruction</b>	English
<b>Course Level</b>	Second-cycle higher education (i.e. QF-EHEA-2, EQF-LLL-7, TYYÇ-7) with Master's Degree/ "Regulated Professions" legislation by EU 2005/36/EC Directive
<b>Course Type</b>	Compulsory
<b>Course Coordinator</b>	Olcay Özveren, MD. Assoc. Prof.
<b>The instructors</b>	<p>(Yeditepe University Hospital)  Muzaffer Murat Değertekin, MD. Prof.  Olcay Özveren, MD. Assoc. Prof.  Tolga Aksu , MD . Assoc. Prof.  Mustafa Aytek Şimşek, MD. Assist. Prof.  Erdal Durmuş M.D.  Çiğdem Koca M.D  Ferit Onur Mutluer M.D</p> <p>(Kartal Koşuyolu Higher Education and Research Hospital)  Ramazan Kargın MD. Assoc. Prof.  Ali Karagöz,MD .Assoc. Prof.  Alev Kılıçgedik, MD .Assoc. Prof.</p>
<b>Assistants</b>	-
<b>Goals</b>	The course aims to equip the clerkship attendees with the necessary knowledge and skills required to approach to cardiac patients, deliver healthcare measures, achieve diagnosis and differential diagnosis of cardiac diseases, apply primary care prophylaxis and treatment to cardiac patients and refer cardiac patients to advanced healthcare units upon indication.
<b>Content</b>	



## CARDIOLOGY - GROUP A / Week I

	Monday 07-Feb-2022	Tuesday 08-Feb-2022	Wednesday 09-Feb-2022	Thursday 10-Feb-2022	Friday 11-Feb-2022											
08.30 - 12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL											
	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4
	Ec ho- lab.	Out Pat ient	Int ens ive car e	Em erg enc y	E ch o- lab	O ut P at ient	Int ens ive car e	E m er g enc y	O ut P at ient	Int ens ive car e	E m er g enc y	E ch o- lab	O ut P at ient	Int ens ive car e	E m er g enc y	E ch o- lab
12.50 - 13.50	<b>Lecture</b> Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i>  History taking <i>Erdal Durmuş</i> <i>Muzaffer Değertekin</i>	<b>Lecture</b> Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>	<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstabl e Angina <i>Mustafa Aytek Şimşek</i>	<b>Lecture</b> Heart Failure I <i>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>	<b>Lecture</b> Mitral Valve Diseases <i>Olçay Özveren</i>											
14.00 - 14.50	<b>Lecture</b> Cardiovascular Examination <i>Erdal Durmuş</i> <i>Muzaffer değertekin</i>	<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>	<b>Lecture</b> Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>	<b>Lecture</b> Heart Failure II <i>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>	<b>Lecture</b> Aortic Valve Diseases <i>Olçay Özveren</i>											
15.00 - 15.50	<b>Lecture</b> Basic Electrocardiography <i>Tolga Aksu</i>	<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>	<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>	<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathie s <i>Çiğdem Koca</i> <i>Muzaffer Değertekin</i>	<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases <i>Olçay Özveren</i>											
16.00 - 17.00	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>											

**GROUP A / Week II**

	<b>Monday 14-Feb-2022</b>	<b>Tuesday 15-Feb-2022</b>	<b>Wednesday 16-Feb-2022</b>	<b>Thursday 17-Feb-2022</b>	<b>Friday 18-Feb-2022</b>
<b>08.30 - 12.00</b>	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	Cardiology Practise <b>KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	<b>Lecture Pulmonary Vascular Disease Erdal Durmuş Olcay Özveren</b>	<b>Written Examination  and  Oral Examination   YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olcay Özveren Tolga Aksu Mustafa Aytek Şimşek Erdal Durmuş Çiğdem Koca</b>
	G r o u p A 1 E c h o - l a b .	G r o u p A 1 E c h o - l a b	G r o u p A 1 O u t P a t i e n t		
<b>13.00 - 13.50</b>	<b>Lecture Hypertension Çiğdem Koca Olcay Özveren</b>	<b>Lecture Tachyarrhythmias Tolga Aksu</b>	<b>Lecture Syncope Tolga Aksu</b>	<b>Independent Learning</b>	
<b>14.00 - 14.50</b>	<b>Lecture Infective Endocarditis Çiğdem Koca Olcay Özveren</b>	<b>Lecture Tachyarrhythmias Tolga Aksu</b>	<b>Lecture Sudden Cardiac Death Tolga Aksu</b>	<b>Independent Learning</b>	
<b>15.00 - 15.50</b>	<b>Lecture Pericardial Diseases Erdal Durmuş Olcay Özveren</b>	<b>Lecture Bradyarrhythmias and Heart Blocks Tolga Aksu</b>	<b>Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators Tolga Aksu</b>	<b>Independent Learning</b>	
<b>16.00 - 17.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	

	Monday 07-March-2022				Tuesday 08-March-2022				Wednesday 09-March-2022				Thursday 10-March-2022				Friday 11-March-2022			
08.30 - 12.00	Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL				Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL			
	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4	Gr ou p A1	Gr ou p A2	Gr ou p A3	Gr ou p A4
	Ec ho lab .	Ou tPa tie nt	Int en siv e car e	Em er gen cy	E ch o - lab	O u t P a t i e n t	Int en siv e car e	Em er gen cy	O u t P a t i e n t	Int en siv e car e	Em er gen cy	E ch o - lab	O u t P a t i e n t	Int en siv e car e	Em er gen cy	E ch o - lab	O u t P a t i e n t	Int en siv e car e	Em er gen cy	E ch o - lab
12.50 - 13.50	<b>Lecture</b> Introduction to Cardiology Training Program <i>Muzaffer Değertekin</i>  History taking <i>Erdal Durmuş Muzaffer Değertekin</i>				<b>Lecture</b> Approach to the Patient with Chest Pain <i>Muzaffer Değertekin</i>				<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstabl e Angina <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Heart Failure I <i>Çiğdem Koca Muzaffer Değertekin</i>				<b>Lecture</b> Mitral Valve Diseases <i>Olca Özveren</i>			
14.00 - 14.50	<b>Lecture</b> Cardiovascular Examination <i>Erdal Durmuş Muzaffer değertekin</i>				<b>Lecture</b> ST Elevation Myocardial Infarction I <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Chronic Coronary Artery Disease <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Heart Failure II <i>Çiğdem Koca Muzaffer Değertekin</i>				<b>Lecture</b> Aortic Valve Diseases <i>Olca Özveren</i>			
15.00 - 15.50	<b>Lecture</b> Basic Electrocardiograph y <i>Tolga Aksu</i>				<b>Lecture</b> ST Elevation Myocardial Infarction II <i>Mustafa Aytek Şimşek</i>				<b>Lecture</b> Percutaneous Coronary and Valvular Interventions <i>Muzaffer Değertekin</i>				<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathie s <i>Çiğdem Koca Muzaffer Değertekin</i>				<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases <i>Olca Özveren</i>			
16.00 - 17.00	Independent Learning				Independent Learning				Independent Learning				Independent Learning				Independent Learning			

**CARDIOLOGY - GROUP B / Week I**

**GROUP B / Week II**

	<b>Monday 14-March-2022</b>	<b>Tuesday 15-March-2022</b>	<b>Wednesday 16-Marh-2022</b>	<b>Thursday 17-March- 2022</b>	<b>Friday 18-March- 2022</b>	
<b>08.30 - 12.00</b>	<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	<b>Cardiology Practise KARTAL KOŞUYOLU HIGHER EDUCATION AND RESEARCH HOSPITAL</b>	<b>Lecture Pulmonary Vascular Disease Erdal Durmuş Olca Özveren</b>	<b>Written Examination  and  Oral Examination  YEDİTEPE UNIVERSITY HOSPITAL Muzaffer Değertekin Olca Özveren Tolga Aksu Mustafa Aytek Şimşek Erdal Durmuş Çiğdem Koca</b>	
	<b>G r o u p A 1</b>	<b>G r o u p A 1</b>	<b>G r o u p A 1</b>			<b>G r o u p A 1</b>
	<b>G r o u p A 2</b>	<b>G r o u p A 2</b>	<b>G r o u p A 2</b>	<b>O u t p a t i e n t</b>		<b>O u t p a t i e n t</b>
	<b>I n t e n s i v e c a r e</b>	<b>I n t e n s i v e c a r e</b>	<b>I n t e n s i v e c a r e</b>	<b>E m e r g e n c y</b>		<b>E m e r g e n c y</b>
	<b>E m e r g e n c y</b>	<b>E c h o - l a b</b>	<b>E m e r g e n c y</b>	<b>O u t p a t i e n t</b>		<b>O u t p a t i e n t</b>
	<b>E c h o - l a b</b>	<b>E m e r g e n c y</b>	<b>E c h o - l a b</b>	<b>I n t e n s i v e c a r e</b>		<b>I n t e n s i v e c a r e</b>
	<b>E c h o - l a b</b>	<b>E m e r g e n c y</b>	<b>E c h o - l a b</b>	<b>E m e r g e n c y</b>		<b>E c h o - l a b</b>
<b>13.00 - 13.50</b>	<b>Lecture Hypertension Çiğdem Koca Olca Özveren</b>	<b>Lecture Tachyarrhythmias Tolga Aksu</b>	<b>Lecture Syncope Tolga Aksu</b>	<b>Independent Learning</b>		
<b>14.00 - 14.50</b>	<b>Lecture Infective Endocarditis Çiğdem Koca Olca Özveren</b>	<b>Lecture Tachyarrhythmias Tolga Aksu</b>	<b>Lecture Sudden Cardiac Death Tolga Aksu</b>	<b>Independent Learning</b>		
<b>15.00 - 15.50</b>	<b>Lecture Pericardial Diseases Erdal Durmuş Olca Özveren</b>	<b>Lecture Bradyarrhythmias and Heart Blocks Tolga Aksu</b>	<b>Lecture Cardiac Pacemakers and Implantable Cardiac Defibrillators Tolga Aksu</b>	<b>Independent Learning</b>		
<b>16.00 - 17.00</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>	<b>Independent Learning</b>		

<b>Learning outcomes</b> at the end of this clerkship, student should be able to;	<b>Program Learning Outcomes</b>	<b>Teaching Methods</b>	<b>Assessment Methods</b>
List required procedures and investigations for delivering preventive healthcare measures to cardiology patients	1.1.3, 1.1.5	1,2,3	B,C
Discuss diagnosis and differential diagnosis of cardiac diseases.	1.1.3, 1.1.6, 1.1.8	1,2,3	B,C,D
Describe the presentation, pathophysiology, clinical and laboratory features of common cardiologic acute and chronic disorders	1.1.3	1,2,3	A,B,C
List required procedures and investigations for primary care prophylaxis and treatment to cardiac patients	1.1.10, 1.1.11	1,2,3	A,B,C
List required procedures and investigations for the diagnosis, differential diagnosis and follow-up of cardiology patients	1.1.7	1,2,3	A,B,C
Describe the initial steps of cardiac echocardiography, Holter ECG monitoring, cardiac exercise test	1.1.8, 1.1.10	1,2,3	A,B,C

Describe the initial steps of cardiac catheterization and coronary angiography	1.1.8, 1.1.9	1,2,3	B,C
Describe the initial steps of pericardiocentesis	1.1.8, 1.1.9	1,2,3	A,B,C
Describe the management of common cardiac disorders	1.1.3, 1.1.5	1,2,3	A,B,C
Describe the procedures of ambulatory blood pressure monitoring	1.1.8, 1.1.10	1,2,3	A,B,C
Describe the electrophysiological study and pacemaker implantation	1.1.8, 1.1.9	1,2,3	A,B,C
Obtain an appropriate and detailed history of patients	1.1.2, 1.1.4	1,2,3	A,B,C
Perform detailed physical examination of cardiac patient	1.1.5	1,2,3	B,C
Provide basic life support to cardiac patient	1,1,11	1,2,3	B,C
Perform basic clinical procedures and interventions	1.1.7	1,2,3	A,B,C
Obtain required samples for laboratory investigations	1.1.7	1,2,3	A,B,C
Interpret clinical and laboratory data	1.1.7, 1.1.8	1,2,3	A,B,C
Evaluate blood pressure of patient	1.1.5, 1.1.7, 1.1.10	1,2,3	A,B,C
Evaluate peripheral pulses of patient	1.1.5, 1.1.7, 1.1.10	1,2,3	A,B,C
Provide a prioritized problem list	1.1.2, 1.1.3	1,2,3	B,C
Manage common cardiac disorders and emergency cases	1.1.9, 1.1.11	1,2,3	A,B,C



Present patients clearly by written and oral means	1.2.1	1,2,3	B,C
Ask for consultation when indicated	1.2.1, 1.2.2	1,2,3	B,C
Refer patients to advanced healthcare units when indicated	1.2.1, 1.2.2	1,2,3	B,C
Use written and online sources correctly and efficiently to access evidence-based information	3.1.1, 3.1.2	1,2,3	B,C
Communicate and collaborate effectively with colleagues, teaching staff and other members of the healthcare team	1.2.1, 1.2.2	1,2,3	B,C
Assess and diagnose electrocardiographic findings	1.1.1, 1.1.5, 1.1.6	1,2,3	A,B,C
Evaluate serum electrolytes, renal function tests, hepatic function tests and thyroid function tests, cardiac biomarkers	1,1,6	1,2,3	B,C
Diagnose acute cardiac disorders	1,1,3	1,2,3	A,B,C
Practice cardiac auscultation	1,1,5	1,2,3	B,C
Measure blood pressure with sphygmomanometry	1,1,5	1,2,3	B,C
Assess cardiac monitorization and ECG	1,1,5	1,2,3	B,C
Use written and on-line sources correctly	3.1.1, 3.1.2	1,2,3	B,C
Respect and understand of the roles, responsibilities and relationship of primary care and specialty care providers	1.2.2	1,2,3	B,C
Demonstrate interpersonal skills and professionalism in relations with patients, families and healthcare staff, being analytical and research orientated	1.2.2, 1.2.3	1,2,3	B,C

Show respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition	2,5,2	1,2,3	B,C
Obey infection control regulations when working at inpatient and outpatient clinics	2.1.1, 2.2.1	1,2,3	B,C
Communicate and collaborate effectively with colleagues, teaching staff and other members of the healthcare team	1.2.1, 1.2.2	1,2,3	B,C

<b>Teaching Methods:</b>	1: Lecture, 2: Bedside Teaching, 3: Small Group Discussion
<b>Assessment Methods:</b>	A: MCQ B: OE C: SOE D:EMQ

COURSE CONTENT		
Week	Topics	Study Materials
1	<b>Introductory Session</b> (Introduction to Cardiology Training Program)	Materials for the course provided by the the instructor
1	<b>Lecture</b> History taking	Materials for the course provided by the instructor
1	<b>Lecture</b> Basic Electrocardiography	Materials for the course provided by the instructor
1	<b>Lecture</b> Approach to the Patient with Chest Pain	Materials for the course provided by the instructor
1	<b>Lecture</b> ST Elevation Myocardial Infarction I	Materials for the course provided by the instructor
1	<b>Lecture</b> ST Elevation Myocardial Infarction II	Materials for the course provided by the instructor
1	<b>Lecture</b> Non-ST Elevation Myocardial Infarction/Unstable Angina	Materials for the course provided by the instructor
1	<b>Lecture</b> Chronic Coronary Artery Disease	Materials for the course provided by the instructor
1	<b>Lecture</b> Percutaneous Coronary and Valvular Interventions	Materials for the course provided by the instructor
1	<b>Lecture</b> Heart Failure I	Materials for the course provided by the instructor

1	<b>Lecture</b> Heart Failure II	Materials for the course provided by the instructor
1	<b>Lecture</b> Dilated, Restrictive and Hypertrophic Cardiomyopathies	Materials for the course provided by the instructor
1	<b>Lecture</b> Mitral Valve Diseases	Materials for the course provided by the instructor
1	<b>Lecture</b> Aortic Valve Diseases	Materials for the course provided by the instructor
1	<b>Lecture</b> Tricuspid and Pulmonary Valve Diseases	Materials for the course provided by the instructor
2	<b>Lecture</b> Hypertension	Materials for the course provided by the instructor
2	<b>Lecture</b> Infective Endocarditis	Materials for the course provided by the instructor
2	<b>Lecture</b> Pericardial Diseases	Materials for the course provided by the instructor
2	<b>Lecture</b> Tachyarrhythmias	Materials for the course provided by the instructor
2	<b>Lecture</b> Tachyarrhythmias	Materials for the course provided by the instructor
2	<b>Lecture</b> Bradyarrhythmias and Heart Blocks	Materials for the course provided by the instructor
2	<b>Lecture</b> Syncope	Materials for the course provided by the instructor
2	<b>Lecture</b> Sudden Cardiac Death	Materials for the course provided by the instructor
2	<b>Lecture</b> Cardiac Pacemakers and Implantable Cardiac Defibrillators	Materials for the course provided by the instructor
2	<b>Lecture</b> Pulmonary Vascular Disease	Materials for the course provided by the instructor
2	<b>Cardiology Practice</b> (Kartal Koşuyolu Higher Education and Research Hospital) Echo-lab	Materials for the course provided by the instructor
2	<b>Cardiology Practice</b> (Kartal Koşuyolu Higher Education and Research Hospital) Outpatient	Materials for the course provided by the instructor
2	<b>Cardiology Practice</b> (Kartal Koşuyolu Higher Education and Research Hospital) Intensive Care	Materials for the course provided by the instructor
2	<b>Cardiology Practice</b> (Kartal Koşuyolu Higher Education and Research Hospital) Emergency	Materials for the course provided by the instructor
2	<b>Assessment Session</b> Written Examination	Materials for the course provided by the instructor

2 **Assessment Session**  
Oral Examination

Materials for the course  
provided by the instructor

<b>RECOMMENDED SOURCES</b>	
<b>Textbook</b>	1- Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, Volume Set, 10th Edition 2- Marriott's Practical Electrocardiography
<b>Additional Resources</b>	Lecture notes

<b>MATERIAL SHARING</b>	
<b>Documents</b>	Photocopy shareable.
<b>Assignments</b>	Not Shareable
<b>Exams</b>	Not shareable

<b>ASSESSMENT</b>		
<b>Questions Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pass/Fail Decision)</b>	<b>Questions Types (Pencil-Paper Tests)</b>
Multiple Choice Questions	%100	Multiple Choice Questions
<b>Total</b>	<b>%100</b>	<b>Total</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>	<b>Other Assessment Methods and Tools</b>
Oral Exam (OE)	%40	Oral Exam (OE)
Evaluation of Preparation Skills of Patient's File	%10	Evaluation of Preparation Skills of Patient's File
	<b>Total %50</b>	<b>Total</b>
Pass/Fail Decision	<b>Proportion (in Pass/Fail Decision)</b>	Pass/Fail Decision

Pencil-Paper Tests	%50	Pencil-Paper Tests
Other Assessment Methods and Tools	%50	Other Assessment Methods and Tools
<b>Total</b>	<b>%100</b>	<b>Total</b>

<b>COURSE CATEGORY</b>	Compulsory
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COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1.1.2	<b>employs</b> a patient-centered approach in patient management.					x
1.1.3	<b>recognizes</b> most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.					x
1.1.5	<b>does</b> general and focused physical and mental examination.					x
1.1.6	<b>interprets</b> findings in medical history, physical and mental examination.					x
1.1.7	<b>employs</b> diagnostic procedures that are used frequently at the primary health care level.					x
1.1.9	<b>makes</b> clinical decisions using evidence-based systematic data in health care service.					x
1.1.1 2	<b>keeps</b> medical records in health care provision and <b>uses</b> information systems to that aim.					x
1.2.1	throughout his/her career, <b>communicates</b> effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions.					x
1.2.2	<b>collaborates</b> as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health.					x
1.2.3	<b>recognizes</b> the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.					x
1.2.4	<b>communicates</b> with all stakeholders taking into consideration the socio-cultural diversity.					x
2.1.1	<b>performs</b> medical practices in accordance with the legal framework which regulates the primary health care service.					x

2.2.1	<b>recognizes</b> basic ethical principles completely, and <b>distinguishes</b> ethical and legal problems.	x	
2.2.2	<b>pays importance to</b> the rights of patient, patient's relatives and physicians, and <b>provides</b> services in this context.	x	
2.5.2	<b>displays</b> a patient-centered and holistic (biopsychosocial) approach to patients and their problems.	x	

<b>ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION</b>			
Activities	Quantity/ day	Duration (Hour)	Total Workload (Hour)
Course Duration (2 weeks)	10	6	60
Hours for off-the-classroom study (Pre-study, practice, review/week)	10	8	80
Homework	-	-	-
Exam	2	2	4
<b>Total Work Load</b>			144
<b>Total Work Load / 30 (h)</b>			4.8
<b>ECTS Credit of the Course</b>			5