



**MUĞLA SITKI KOÇMAN UNIVERSITY**  
**FACULTY OF MEDICINE**

**2021-2022**

**ENGLISH PROGRAM**

**PHASE V**

**Department of Cardiovascular Surgery**

**CLERKSHIP GUIDEBOOK**

**CLERKSHIP LOG BOOK**

**CLERKSHIP PROGRAM**

**Prepared by Department of Cardiovascular Surgery**

## INTRODUCTION

**Dear Students,**

Welcome to the ***Cardiovascular Surgery*** clerkship program which is an important part of your education.

In this clerkship program, which is going to continue for 2 weeks, we aim to give the basic education of the clerkship program in all aspects of theoretical courses and practical applications. This guide describes what you will learn and perform during your clerkship, the rules you must follow in our clinic, and the working conditions. We wish you all success with the belief that this guide will guide you sufficiently through your clerkship studies.

## A. GENERAL INFORMATION

<b>Course Code</b>	MED 5023
<b>Course Title</b>	Cardiovascular Surgery
<b>Duration of the course</b>	2 weeks
<b>Theoretical Course duration (Hours)</b>	35
<b>Application Course duration (Hours)</b>	28 (Including 4 advisory hours)
<b>AKTS</b>	3
<b>Year</b>	Phase V
<b>Level of Course</b>	Undergraduate (Bachelor)
<b>Required/Elective</b>	Required
<b>Program</b>	Faculty of Medicine (English)
<b>Language</b>	English
<b>Style</b>	Formal
<b>Teaching Methods:</b>	Theoretical lessons / Bedside Practice / Case Discussions / Clinical Skill Training Practices / Participation in Polyclinic-Service-Surgery Practices/ Article Hours / Independent Working Hours / Learner-Centered Education Practices
<b>Recommended Legislation Reading:</b>	<ol style="list-style-type: none"><li>1. MSKÜ Ön Lisans ve Lisans Eğitim-Öğretim Yönetmeliği</li><li>2. MSKÜ Tıp Fakültesi Eğitim-Öğretim ve Sınav Yönetmeliği</li><li>3. MSKÜ Tıp Fakültesi Sınav Kılavuzu</li><li>4. Yükseköğretim Kurumları Öğrenci Disiplin Yönetmeliği</li></ol>

## B. TEACHING STAFF

Head of the Department:	Professor Buğra Harmandar, MD
Supervisor of the Clerkship Education Program	Professor Buğra Harmandar, MD
Supervisor of the Examinations and End of Clerkship Survey:	Professor Buğra Harmandar, MD
Teaching staff of the Clerkship Program:	<p>Professor Buğra Harmandar, MD (Adult and Pediatric Cardiovascular Surgery)</p> <p>Assistant Professor Burak Can Depboylu, MD (Adult Cardiovascular Surgery)</p> <p>Assistant Professor Serkan Yazman, MD (Adult Cardiovascular Surgery)</p> <p>Assistant Professor Hande İřtar, MD (Pediatric Cardiovascular Surgery Subspecialty Specialist)</p>

## C. PHYSICAL SPACES

Classrooms and Study Areas	<p><b><u>Classroom Floor-Room No:</u></b> Different classrooms are used in the hospital according to the internship group.</p> <p><b><u>Polyclinic Floor-Room No:</u></b> 2 nd floor Cardiovascular Surgery Polyclinic</p> <p><b><u>Service Floor(if available):</u></b> 3rd floor Cardiovascular Surgery Ward 19-26th rooms</p> <p><b><u>Operation Room Floor-Room No (if available):</u></b> J block, Cardiovascular Surgery operating rooms or operating rooms block 13th operating room.</p> <p><b><u>Laboratory Floor-Room No(if available):</u></b> None</p>
----------------------------	--

## D. OBJECTIVES- AIMS-LEARNING OUTCOMES OF THE CLERKSHIP PROGRAM

<b>Objectives (MED-CVS-OBJ-....)</b>	<ol style="list-style-type: none"> <li>1. Within the scope of the national core education program; To be able to gain sufficient knowledge, skills and attitudes to evaluate common diseases in cardiovascular surgery and the symptoms and findings of these diseases, to diagnose in primary care conditions, to create / implement / monitor a treatment plan, to perform emergency intervention when necessary or to refer to a cardiovascular surgeon.</li> </ol>
<b>Aims (MED-CVS-AIM-....)</b>	<ol style="list-style-type: none"> <li>1. To be able to take anamnesis from Cardiovascular Surgery patients, to perform physical examination and to evaluate the findings</li> <li>2. To be able to present Cardiovascular Surgery patients at visits</li> <li>3. To have knowledge about the diagnosis and medical treatments of peripheral artery diseases and venous system diseases</li> <li>4. To have knowledge about the diagnosis, medical and surgical treatments of heart valve, coronary and congenital heart diseases</li> <li>5. To be able to evaluate the patient hospitalized in intensive care after open heart surgery in general</li> <li>6. To be able to explain, follow and evaluate the characteristics of drains, catheters and probes</li> <li>7. To make non-sterile, sterile and uncomplicated dressings</li> <li>8. To be able to do first-line treatments of cardiovascular surgery diseases</li> </ol>
<b>Learning Outcomes (MED-CVS-LO-....)</b>	<ol style="list-style-type: none"> <li>1. Can take anamnesis from Cardiovascular Surgery patients, can perform physical examination and can evaluate the findings.</li> <li>2. Can presents Cardiovascular Surgery patients at visits.</li> <li>3. Have knowledge about the diagnosis and medical treatment of peripheral artery diseases and venous system diseases.</li> <li>4. Have knowledge about diagnosis, medical and surgical treatments of heart valve, coronary and congenital heart diseases.</li> <li>5. Can evaluate the patient hospitalized in intensive care after open heart surgery in general.</li> <li>6. Can explain the characteristics of drains, catheters and probes, make their follow-up and evaluation.</li> <li>7. Can made non-sterile, sterile and uncomplicated dressings.</li> <li>8. Can do the first step treatments of cardiovascular surgery diseases.</li> </ol>

**PHASE V**

**CARDIOVASCULAR SURGERY CLERKSHIP**

**MATRIX SHOWING THE RELATIONSHIP BETWEEN OBJECTIVES-AIMS-LEARNING OUTCOMES  
and THE COURSE SCHEDULE**

<b>COURSE SUBJECT</b>	<b>OBJECTIVES-AIMS and LEARNING OUTCOMES</b>
Cardiovascular system anatomy and physiology Overview of Peripheral Artery Diseases and Physical Examination	MED-CVS-OBJ-1 MED-CVS -AIM-1,3 and 8 MED-CVS -LO-1,3 and 8
Anamnesis, Physical Examination and Radiological Imaging Methods in Aortoperipheral Occlusive Artery Diseases	MED-CVS-OBJ-1 MED-CVS -AIM-1,3 and 8 MED-CVS -LO-1,3 and 8
Surgical and Interventional Revascularization Methods in Aortoperipheral Occlusive Artery Diseases	MED-CVS-OBJ-1 MED-CVS -AIM-1,3 and 8 MED-CVS -LO-1,3 and 8
Medical Treatment Indications and Drug Options in Aortoperipheral Occlusive Artery Diseases	MED-CVS-OBJ-1 MED-CVS -AIM-1,3 and 8 MED-CVS -LO-1,3 and 8
Diagnosis, Surgical and Interventional Treatment Methods in Abdominal Aorta, Iliac and Peripheral Artery Aneurysms	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 8 MED-CVS -LO-1 and 8
Diagnosis and Treatment in Carotid Artery Stenosis	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 8 MED-CVS -LO-1 and 8
Diagnosis and Treatment of Deep Vein Thrombosis and Venous Thromboembolism	MED-CVS-OBJ-1 MED-CVS -AIM-1,3 and 8 MED-CVS -LO-1,3 and 8
Diagnosis and Treatment of Chronic Venous Insufficiency	MED-CVS-OBJ-1 MED-CVS -AIM-1,3 and 8 MED-CVS -LO-1,3 and 8
Lymphatic and Vasospastic Vascular Diseases	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 8 MED-CVS -LO-1 and 8
History of Open Heart Surgery	MED-CVS-OBJ-1 MED-CVS -AIM-5 MED-CVS -LO-5
Cardiopulmonary Bypass and Heart-Lung Machine	MED-CVS-OBJ-1 MED-CVS -AIM-4 MED-CVS -LO-4
Cardioplegic Cardiac Arrest, Myocardial Protection Methods, Systemic Inflammatory Response and Treatment in Open Heart Surgery	MED-CVS-OBJ-1 MED-CVS -AIM-4 MED-CVS -LO-4
Overview of Coronary Artery Diseases and Physical Examination	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4

Surgical Treatment of Coronary Artery Diseases and Use of Intra-aortic Balloon Pump	MED-CVS-OBJ-1 MED-CVS -AIM-4 MED-CVS -LO-4
Mechanical Complications and Surgical Treatment of Myocardial Infarction	MED-CVS-OBJ-1 MED-CVS -AIM-4 MED-CVS -LO-4
Left Ventricular Aneurysms and Surgical Treatment	MED-CVS-OBJ-1 MED-CVS -AIM-1 MED-CVS -LO-1
Infective Endocarditis and Surgical Treatment	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 8 MED-CVS -LO-1 and 8
Surgical Treatment in Cardiac Arrhythmias	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 8 MED-CVS -LO-1 and 8
Overview of Venous and Lymphatic Diseases and Physical Examination	MED-CVS-OBJ-1 MED-CVS -AIM-1,3 and 8 MED-CVS -LO-1,3 and 8
Pericardial Diseases and Surgery	MED-CVS-OBJ-1 MED-CVS -AIM-1 MED-CVS -LO-1
Minimally Invasive Cardiac Surgery (Off-pump, MIDCAB, Robotic Heart Surgery etc.)	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Intensive Care Management After Open Heart Surgery	MED-CVS-OBJ-1 MED-CVS -AIM-5 MED-CVS -LO-5
Thoracic and Thoracoabdominal Aortic Aneurysms, Surgical and Interventional Treatment methods	MED-CVS-OBJ-1 MED-CVS -AIM-1 MED-CVS -LO-1
Diagnosis, Typing, Imaging, Surgical and Interventional Treatment Methods in Aortic Dissections	MED-CVS-OBJ-1 MED-CVS -AIM-1 MED-CVS -LO-1
Heart Tumors and Surgical Treatment	MED-CVS-OBJ-1 MED-CVS -AIM-1 MED-CVS -LO-1
Fetal Circulation, Overview of Congenital Heart Diseases and Physical Examination	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Cyanotic and Acyanotic Congenital Heart Diseases	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Left-Right Shunt Congenital Heart Diseases, Surgical and Interventional Treatment Methods	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Tetralogy of Fallot, Diagnosis and Treatment	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Pulmonary Atresia, Diagnosis, Typing, Surgical and Interventional Treatment Methods	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4

Surgical Treatment in Congenital Heart Diseases with Single Ventricle Physiology	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
In Chronic Heart Failure, Non-Transplant Surgical Treatment Methods, Ventricular Support Devices and Total Artificial Heart	MED-CVS-OBJ-1 MED-CVS -AIM-1 MED-CVS -LO-1
Overview of Valvular Heart Diseases and Physical Examination	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Mitral valve disease and Surgical Treatment Methods	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Aortic Valve Diseases and Surgical Treatment	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Congenital Tricuspid Valve Diseases and Ebstein's Anomaly	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Great Artery Transposition and Congenital Coronary Artery Anomalies	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Aortic Coarctation and Interrupted Arcus Aorta	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Pulmonary Venous Return Anomalies and Cor Triatriatum	MED-CVS-OBJ-1 MED-CVS -AIM-1 and 4 MED-CVS -LO-1 and 4
Isolated Heart, Heart-Lung Transplantation and Transplantation Immunology	MED-CVS-OBJ-1 MED-CVS -AIM-1 MED-CVS -LO-1
Surgical Applications of Coronary Artery Diseases Surgical Applications of Peripheral Artery Diseases Surgical Applications of Venous System Diseases Surgical Applications of Heart Valve Diseases	MED-CVS-OBJ-1 MED-CVS -AIM-2,6 and 7 MED-CVS -LO-2,6 and 7

**PHASE V**  
**CARDIOVASCULAR SURGERYCLERKSHIP**  
**COURSE SUBJECTS RELATED TO PHASE I-II-III and IV**

Cardiovascular system anatomy and physiology
Fetal Circulation, Overview of Congenital Heart Diseases and Physical Examination
Overview of Coronary Artery Diseases and Physical Examination
Infective Endocarditis and Surgical Treatment
Surgical Treatment in Cardiac Arrhythmias
Overview of Valvular Heart Diseases and Physical Examination



## E. ADDITIONAL INFORMATION

### Duties and responsibilities of students

1. During the course program (if no change is notified by the relevant faculty member during the clerkship period), students are expected to fully present for theoretical or practical application. According to the regulation, there is an attendance requirement of 70% in theoretical courses and 80% in applied courses in Phase V.
2. Although there is no directive of the medical faculty regarding dress, all students are expected to perform personal care and dress with a style and care worthy of a physician candidate during all practical and theoretical training hours.
3. It is expected to be worn a white coat in all practical trainings.
4. There is no internship report scoring application. Students are obliged to do the theoretical and practical studies assigned to them.
5. Internship students are expected to make observations and experiences about the studies and practical applications of the theoretical courses given to them. (Percutaneous invasive interventions, surgical interventions and follow-up of these practices etc. in the operating room and CVS intensive care unit at the bedside under the supervision of the relevant clinical specialist)
6. There is no practice of staying on duty at the hospital during this clerkship.
7. ***Information about the polyclinic practice and what is expected from the students:***
  - 1- Taking anamnesis about cardiovascular diseases.
  - 2- Performing systemic physical examination and special physical examinations for cardiovascular diseases, requesting the laboratory and imaging tests to aid diagnosis.
  - 3- Routine follow-up of post-operative cardiovascular surgery patients (laboratory tests, imaging tests and physical examination findings etc.)
  - 4- Prescribing medical treatments used in cardiovascular surgery, giving information to the patients about drug use and follow-up.
8. ***Information and expectations about ward work and patient preparation:***
  - 1- Performing general systemic physical examination and special physical examinations related to the diagnosis of the patients who admitted to the

	<p>cardiovascular surgery ward. (peripheral pulse examination via manually and/or using hand doppler device, listening cardiac murmurs, etc.)</p> <p>2- Requesting the laboratory examinations and imaging methods in the preoperative preparation of patients in the CVS ward.</p> <p>3- Postoperative follow-up of the patients in the CVS ward and intensive care unit.</p>
<b>Recommended Reading/ Studying materials</b>	<ol style="list-style-type: none"> <li>1. Cardiovascular Surgery Book (Editors; PAÇ, AKÇEVİN, AKA, BÜKET, SARIOĞLU)</li> <li>2. Cardiovascular Surgery Book, Editor: Prof. Dr. Enver DURAN</li> <li>3. Aortic Surgery Book (Editor: Suat BÜKET, Tahir YAĞDI)</li> <li>4. Turkish Society of Cardiovascular Surgery Peripheral Artery and Vein Diseases Treatment Guide</li> <li>5. National Treatment Guidelines for peripheral artery and vein diseases</li> <li>6. Rutherford's Vascular Surgery 9th Edition</li> <li>7. Cardiac Surgery 4th Edition Kirklin / Barratt-Boyes</li> <li>8. Perioperative Approach in Adult Cardiac Surgery Robert M. Bojar</li> </ol>

## **F. ASSESSMENT METHOD(S) CLERKSHIP FINAL EXAM EVALUATION**

\* It is compulsory to get at least 60 points from the written exam in order to take the practical exams in the clerkship exams.

\*\* With the condition of having at least 60 points in each stage of the clerkship exams, the final success grade is calculated as the arithmetic average of each stage.

<b>Exam type</b>	<b>Explanation (if any)</b>	<b>Contribution Value (%)</b>
Multiple choice questions,	(40 questions)	<b>50%</b>
Practice exam	Taking history and making a physical examination from the patient in the service	-
Structured/Unstructured Oral exam	Theoretical exam under the supervision of at least two faculty members (8 questions)	<b>50%</b>
Clerkship log book	It is under the responsibility of the student, to obtain and keep the clerkship log book.	-
Attendance to the courses (%100)	You are expected to attend all courses, unless you have an acceptable excuse.	-
<b>Total</b>		<b>100</b>

## H. ASSESSMENT METHOD(S) CLERKSHIP MAKE-UP EXAM EVALUATION:

\* It is compulsory to get **at least 60 points** from the written exam in order to take the practical exams in the clerkship exams.  
\*\* With the condition of having **at least 60 points** in each stage of the clerkship exams, the final success grade is calculated as the arithmetic average of each stage.

Exam type	Explanation (if any)	Contribution Value (%)
Multiple choice questions	(40 questions)	50%
Practice exam (NO)	-	-
Structured/Unstructured Oral exam	Theoretical exam under the supervision of at least two faculty members (8 questions)	50%
Total		100

## H. DEPARTMENT OF CARDIOVASCULAR SURGERY STUDENT CLERKSHIP LOG BOOK:

STUDENT NAME SURNAME:  
NUMBER:

CLERKSHIP TERM:

Turn of Duty Signature

.../.../.... \_\_\_\_\_  
.../.../.... \_\_\_\_\_

PRACTICE	TEACHING STAFF (SIGNATURE)
1. General and Problem-Related History Taking (UÇEP-A-1)	
2. Cardiovascular System Examination(UÇEP-B-13) (Particularly heart and lung auscultation)	
3. Cardiovascular System Examination, Abdominal Examination (UÇEP-B-13)(Palpation of peripheral pulses Manually and with Hand Doppler)	
4.The follow up and evaluation of the drains, catheters and probes.	
5.Making non-sterile, sterile and uncomplicated dressings, Ability to care for wounds and burns (UCEP-E-68)	
6.Patient follow-up, presentation in visits in cardiovascular surgery ward	
7.Postoperative patient follow-up in the cardiovascular surgery intensive care unit, Informing and obtaining consent, Preparing patient file, Preparing epicrisis (UCEP-C-3, C-7 and C-5)	

8.Assisting cardiovascular surgery assistants in their applications	
9.Learning the basic concepts of blood transfusion, hemostasis and coagulation and their application in surgical practice, Ability to transfuse blood (UCEP-E-41)	
10.Evaluation of arterial blood gas result, Arterial blood gas collection (UCEP-E-6)	
11.Learning simple suturing techniques, application and taking sutures, Superficial Suturing and Removal (UCEP-E-70)	
12.Basic evaluation of specific examinations such as Doppler USG, CT angio, MR angio, Coronary Angio, DSA.	

**DECISION**

**Sufficient**

**Insufficient**

**Head of the Department or Supervisor of Clerkship  
Signature**

## I.CHANGES TO THE PREVIOUS YEAR OF EDUCATION

<b>Are there any changes in the course schedule compared to previous year?</b>	No.
<b>*Reasons for these changes</b>	<ol style="list-style-type: none"><li>1. Changes Based on Student Feedback</li><li>2. Changes Based on Faculty Member Feedback</li><li>3. Changes Based on Graduate Feedback</li><li>4. Reasons based on the Feedback of External Stakeholders</li><li>5. Changes Made According to the Academic Year Program Evaluation Report</li></ol>
<b>Are there any changes in the Clerkship guide and log book?</b>	Yes, student clerkship log book has been re-occurred with 12 subjects according to the faculty members' feedbacks.
<b>Are there any changes in the objectives- aims- learning outcomes of the clerkship program?</b>	No.
<b>Are there any changes in the scoring of Medical Faculty Clerkship -Program Outcomes Matrix?</b>	No.

## Medical Faculty Clerkship-Program Outcomes Matrix\*

The Name of the Clerkship	Py1	Py2	Py3	Py4	Py5	Py6	Py7	Py8	Py9	Py10	Py11	Py12	Py13
Cardiovascular Surgery	5	5	5	5	3	3	5	5	3	3	4	4	5

**\* Will be completed according to the following program outcomes. ( Score from 0 to 5.)**

1- To have detailed, updated and advanced level of information in the field of basic, clinical, and surgical medical sciences.

2- To be able to use the advanced theoretical and practical knowledge gained from basic, clinical, and surgical medical sciences To perform the first assessment of the patient encountered, to reveal differential diagnosis, ask for the necessary tests, to prescribe, arrange treatment plans, to plan disease management and to carry out post-mortem operations.

3-To communicate effectively with patients and patients' relatives and with units required according to the medical requirements. To inform people and organizations about issues related to the health field; transfer thoughts and suggestions verbally and written regarding the issue.

4- To take responsibility as an individual and as a team member to solve complex and unpredictable problems encountered in clinical practice, besides to construct independently, to develop a solution method, to solve and evaluate the results. To be able to reveal the public health problems, to apply and explain individual, organizational, social development ways for effective and efficient health services.

5- Planning and managing the activities related to the professional development of employees working under the responsibility of them.

6- To know and apply the laws and regulations related to health care.

7- To examine the concepts and ideas concerning basic, clinical and surgical medical sciences through scientific methods, to interpret and evaluate data, to identify problems, to be able to analyze, and develop solutions based on evidence and research.

8-To have scientific and ethical values when collecting, interpreting, disseminating and implementing data related to the health field, and also to teach these values and to check them.

9-To monitor current information and communicate with colleagues in the field by using a foreign language

10- To use computer software, information and communication technologies at a level required in the field

11- To value the universality of social rights, gain social justice consciousness, to have sufficient consciousness of environmental protection and occupational safety and quality management processes.

12-To gain the lifelong learning skills and to monitor the latest developments from the professional aspect.

13- To fulfill the responsibilities arising from the humanitarian, social and cultural values.

**2021 - 2022 ACADEMIC YEAR**

**PHASE V**

**CARDIOVASCULAR SURGERY CLERKSHIP**

**GROUP ENGLISH**

**TERM LENGTH: 2 WEEKS**

**20 / 09 / 2021 - 01 / 10 / 2021**

**First Week**

Date	Time	T*/P*	ÖM*/TD*	UÇEP Clause	UÇEP Learning Degree	Topic of the Lecture	Lecturer
<b>Monday 20.09.2021</b>	08:30 - 09:20	P	OM	10-254-325	ÖnT-T-A (UÇEP-B13)	Overview of Peripheral Arterial Diseases and Physical Examination Cardiovascular System Examination	Dr.Öğr.Üys. Hande İŞTAR
	09:30 - 10:20	T	OM	10-254-325	ÖnT-T-A	Anamnesis, Physical Examination and Radiological Imaging Methods in Aortoperipheral Occlusive Arterial Diseases	Dr.Öğr.Üys. Hande İŞTAR
	10:30 - 11:20	T	OM	10-254-325	ÖnT-T-A	Surgical and Interventional Revascularization Methods in Aortoperipheral Occlusive Arterial Diseases	Dr.Öğr.Üys. Hande İŞTAR
	11:30 - 12:20	T	OM	10-254-325	ÖnT-T-A	Medical Treatment Indications and Drug Options in Aortoperipheral Occlusive Arterial Diseases	Dr.Öğr.Üys. Hande İŞTAR
	12:30-13:20	P	OM			<b>Advisory hour</b>	Dr.Öğr.Üys. Hande İŞTAR
	13:30 - 14:20					Free Hour	
	14:30- 15:20					Free Hour	
	15:30 - 16:20					Free Hour	
	16:30 - 17:20					Free Hour	
<b>Tuesday 21.09.2021</b>	08:30 - 09:20					Free Hour	
	09:30 - 10:20	T	OM	27	T-A	Diagnosis, Surgical and Interventional Treatment Methods in Abdominal Aorta, Iliac and Peripheral Arterial Aneurysms	Dr.Öğr.Üys. Hande İŞTAR
	10:30 - 11:20	T	OM	114	ÖnT	Diagnosis and Treatment in Carotid Artery Stenosis	Dr.Öğr.Üys. Hande İŞTAR
	11:30 - 12:20	T	OM	166-222	ÖnT	Isolated Heart, Heart-Lung Transplantation and Transplantation Immunology	Dr.Öğr.Üys. Hande İŞTAR
	12:30-13:20	P				<b>Advisory hour</b>	Prof.Dr. Buğra HARMANDAR
	13:30 - 14:20	T	OM	164	ÖnT-K	Mitral valve disease and Surgical Treatment Methods	Prof.Dr. Buğra HARMANDAR
	14:30- 15:20	T	OM	164	ÖnT-K	Aortic Valve Diseases and Surgical Treatment Methods	Prof.Dr. Buğra HARMANDAR
	15:30 - 16:20	T	OM	27	T-A	Thoracic and Thoracoabdominal Aortic Aneurysms, Surgical and Interventional Treatment Methods	Prof.Dr. Buğra HARMANDAR
	16:30 - 17:20	T	OM	28	T-A	Diagnosis, Typing, Imaging, Surgical and Interventional Treatment Methods in Aortic Dissections	Prof.Dr. Buğra HARMANDAR



<b>Wednes day 22.09.2021</b>	<b>08:30 - 09:20</b>	P	OM	15-25-195	ÖnT-T-A-K (UÇEP-B13)	Overview of Coronary Artery Diseases and Physical Examination, Cardiovascular System Physical Examination	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>09:30 - 10:20</b>	T	OM	15-25-195	ÖnT-T-A-K	Surgical Treatment of Coronary Artery Diseases and Intra-aortic balloon pump use	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>10:30 - 11:20</b>	T	OM	15-25-195	ÖnT-T-A-K	Mechanical complications of myocardial infarction and Surgical Treatment	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>11:30 - 12:20</b>	T	OM	195	ÖnT-K	Left ventricular aneurysms and surgical treatment	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>13:30 - 14:20</b>	T	OM	256	ÖnT	Pericardial Diseases and Surgical Treatment	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>14:30- 15:20</b>	T	OM	17-222	ÖnT-T-K	Infective Endocarditis and Surgical Treatment	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>15:30 - 16:20</b>	T	OM	165	ÖnT	Surgical treatment in cardiac arrhythmias	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>16:30 - 17:20</b>					Free Hour	
<b>Thursday 23.09.2021</b>	<b>08:30 - 09:20</b>	P	OM	191	ÖnT-A (UÇEP-B13)	Overview of Congenital Heart Diseases and Physical Examination, Cardiovascular System Physical Examination	Dr.Öğr.Üys. Hande İŞTAR
	<b>09:30 - 10:20</b>	T	OM	191	ÖnT-A	Cyanotic and Acyanotic Congenital Heart Diseases	Dr.Öğr.Üys. Hande İŞTAR
	<b>10:30 - 11:20</b>	T	OM	191-273	ÖnT-A	Congenital heart diseases with left-right shunt, Surgical and interventional treatment methods	Dr.Öğr.Üys. Hande İŞTAR
	<b>11:30 - 12:20</b>	T	OM	191	ÖnT-A	Fallot Tetralogy, Diagnosis and Treatment	Dr.Öğr.Üys. Hande İŞTAR
	<b>13:30 - 14:20</b>	T	OM	191	ÖnT-A	Pulmonary Atresias, Diagnosis, Typing, Surgical and Interventional Treatment Methods	Dr.Öğr.Üys. Hande İŞTAR
	<b>14:30- 15:20</b>	T	OM	191	ÖnT-A	Surgical Treatment in congenital heart diseases with single ventricular physiology	Dr.Öğr.Üys. Hande İŞTAR
	<b>15:30 - 16:20</b>	T	OM	166-222	T-A-K-İ	Non-transplant surgical treatment methods, Ventricular support devices and Total artificial heart in chronic heart failure	Dr.Öğr.Üys. Hande İŞTAR
	<b>16:30 - 17:20</b>	T	OM			Heart Tumors and Surgical Treatment	Dr.Öğr.Üys. Hande İŞTAR

<b>Fiday 24.09.2021</b>	<b>08:30 - 09:20</b>	T	OM	164	ÖnT-K	Overview of Heart Valve Diseases and Physical Examination,	Prof.Dr. Buğra HARMANDAR
	<b>09:30 - 10:20</b>	P	OM	71-96-202	ÖnT-A-K (UÇEP-B13)	Overview of Venous and Lymphatic Diseases and Physical Examination Cardiovascular System Physical Examination	Prof.Dr. Buğra HARMANDAR
	<b>10:30 - 11:20</b>	T	OM	191-326	ÖnT-A	Pulmonary Venous Return Anomalies and Cor Triatriatum	Prof.Dr. Buğra HARMANDAR
	<b>11:30 - 12:20</b>	T	OM	164	ÖnT-K	Congenital Tricuspid valve diseases and Ebstein Anomaly	Prof.Dr. Buğra HARMANDAR
	<b>13:30 - 14:20</b>	T	OM	191-326	ÖnT-A	Transposition of great arteries and congenital coronary artery anomalies	Prof.Dr. Buğra HARMANDAR
	<b>14:30- 15:20</b>	T	OM	191-326	ÖnT-A	Aortic Coarctation and Interrupted Arcus Aorta	Prof.Dr. Buğra HARMANDAR
	<b>15:30 - 16:20</b>	T	OM	34-167-170-256-289	ÖnT-A-K	Intensive care management of patients after open heart surgery	Prof.Dr. Buğra HARMANDAR
	<b>16:30 - 17:20</b>	P	OM	15-25	T-A-K (UÇEP-D5)	Basic ECG Information Ability To Take And Evaluate EKG	Prof.Dr. Buğra HARMANDAR
<b>Second Week</b>							
<b>Date</b>	<b>Time</b>	<b>T*/P*</b>	<b>ÖM*/TD*</b>	<b>UÇEP Clause</b>	<b>UÇEP Learning Degree</b>	<b>Topic of the Lecture</b>	<b>Lecturer</b>
<b>Monday 27.09.2021</b>	<b>08:30 - 09:20</b>	T	OM			History of Open Heart Surgery	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>09:30 - 10:20</b>	T	OM	170	A	Cardiopulmonary Bypass and Heart-Lung Machine	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>10:30 - 11:20</b>	T	OM	170	A	Cardioplegic cardiac arrest, myocardial protection methods, systemic inflammatory response and treatment in open heart surgery	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>11:30 - 12:20</b>	T	OM	195	ÖnT-K	Minimally Invasive Heart Surgery (Off-pump, MIDCAB, Robotic Heart Surgery etc.)	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>12:30-13:20</b>	P	OM			<b>Advisory hour</b>	Dr.Öğr.Üys. Burak DEPBOYLU
	<b>13:30 - 14:20</b>					Free Hour	
	<b>14:30- 15:20</b>					Free Hour	
	<b>15:30 - 16:20</b>					Free Hour	
	<b>16:30 - 17:20</b>					Free Hour	

Tuesday  
28.09.2021

08:30 - 09:20					Free Hour	
09:30 - 10:20	T	OM	71-272-313	ÖnT-A-K	Diagnosis and Treatment of Deep Venous Thrombosis and Venous Thromboembolism	Dr.Öğr.Üys. Burak DEPBOYLU
10:30 - 11:20	T	OM	96-202	ÖnT-A-K	Diagnosis and Treatment in Chronic Venous Insufficiency	Dr.Öğr.Üys. Burak DEPBOYLU
11:30 - 12:20	T	OM	276	ÖnT	Lymphatic and Vasospastic Vascular Diseases	Dr.Öğr.Üys. Burak DEPBOYLU
12:30-13:20	P				<b>Advisory hour</b>	Dr.Öğr.Üys. Burak DEPBOYLU
13:30 - 14:20	P	OM	164	ÖnT-K <b>GROUP-A</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70) <b>GROUP-B</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10)	Surgical Administrations of Heart Valve Diseases <b>GROUP-A:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving <b>GROUP B:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document	Dr. Öğr. Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)
14:30- 15:20	P	OM	10-254	ÖnT-T-A <b>GROUP-A</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70) <b>GROUP-B</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10)	Surgical Administration of Peripheral Arterial Diseases <b>GROUP-A:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving <b>GROUP B:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document	Dr. Öğr. Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)

	15:30 - 16:20	P	OM	96-202	ÖnT-A-K <b>GROUP-A</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70) <b>GROUP-B</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10)	Surgical Administration of Venous System Diseases <b>GROUP-A:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving <b>GROUP B:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document	Dr. Öğr. Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)
	16:30 - 17:20	P	OM	191	ÖnT-A <b>GROUP-A</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70) <b>GROUP-B</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10)	Congenital Heart Diseases Surgical Administration <b>GROUP-A:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving <b>GROUP B:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document	Dr. Öğr. Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)
Wednes day 29.09.2021	08:30 - 09:20	P	OM	15-25- 195	ÖnT <b>GROUP-A</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10) <b>GROUP-B</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70)	Coronary Surgery Administration <b>GROUP-A:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document <b>GROUP B:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving	Dr. Öğr. Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)

09:30 - 10:20	P	OM	10-254	ÖnT-T-A <b>GROUP-A</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10) <b>GROUP-B</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70)	Surgical Administration of Peripheral Arterial Diseases <b>GROUP-A:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document <b>GROUP B:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving	Dr. Öğr. Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)
10:30 - 11:20	P	OM	96-202	ÖnT-A-K <b>GROUP-A</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10) <b>GROUP-B</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70)	Surgical Administration of Venous System Diseases <b>GROUP-A:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document <b>GROUP B:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving	Dr. Öğr. Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)
11:30 - 12:20	P	OM	191	ÖnT-A <b>GROUP-A</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10) <b>GROUP-B</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70)	Congenital Heart Diseases Surgical Administration <b>GROUP-A:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document <b>GROUP B:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving	Dr.Öğr.Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)

	13:30 - 14:20	P	OM	164	ÖnT-K <b>GROUP-A</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10) <b>GROUP-B</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70)	Surgical Administrations of Heart Valve Diseases <b>GROUP-A:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document <b>GROUP B:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving	Dr.Öğr.Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)
	14:30- 15:20	P	OM	15-25-195	ÖnT <b>GROUP-A</b> (UÇEP-D2) (UÇEP-E21) (UÇEP-E70) <b>GROUP-B</b> (UÇEP-A1) (UÇEP-C3) (UÇEP-C7) (UÇEP-C5) (UÇEP-C10)	Coronary Surgery Administration <b>GROUP-A:OR</b> Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving <b>GROUP B:CVSW</b> General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document	Dr.Öğr.Üys. Hande İŞTAR(OR) Dr.Öğr.Üys. Burak DEPBOYLU (CVSW)
	15:30 - 16:20					Free Hour	
	16:30 - 17:20					Free Hour	
Thursday 30.09.2021	08:30 - 09:20	P	OM	10-254	ÖnT-T-A <b>GROUP-A</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50) <b>GROUP-B</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1)	Surgical Administration of Peripheral Arterial Diseases <b>GROUP-A:ICU</b> Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula-Inhale Therapy <b>GROUP B:OPC</b> Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking	Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)

09:30 - 10:20	P	OM	15-25-195	<p>ÖnT</p> <p><b>GROUP-A</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50)</p> <p><b>GROUP-B</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1)</p>	<p>Coronary Surgery Administration</p> <p><b>GROUP-A:ICU</b></p> <p>Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula-Inhaler Therapy</p> <p><b>GROUP B:OPC</b></p> <p>Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking</p>	<p>Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)</p>
10:30 - 11:20	P	OM	164	<p>ÖnT-K</p> <p><b>GROUP-A</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50)</p> <p><b>GROUP-B</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1)</p>	<p>Surgical Administrations of Heart Valve Diseases</p> <p><b>GROUP-A:ICU</b></p> <p>Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula-Inhaler Therapy</p> <p><b>GROUP B:OPC</b></p> <p>Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking</p>	<p>Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)</p>
11:30 - 12:20	P	OM	191	<p>ÖnT-A</p> <p><b>GROUP-A</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50)</p> <p><b>GROUP-B</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1)</p>	<p>Congenital Heart Diseases Surgical Administration</p> <p><b>GROUP-A:ICU</b></p> <p>Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula-Inhaler Therapy</p> <p><b>GROUP B:OPC</b></p> <p>Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking</p>	<p>Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)</p>

13:30 - 14:20	P	OM	10-254	ÖnT-T-A <b>GROUP-A</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1) <b>GROUP-B</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50)	Surgical Administration of Peripheral Arterial Diseases <b>GROUP-A:OPC</b> Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking <b>GROUP B:ICU</b> Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula- Inhaler Therapy	Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)
14:30- 15:20	P	OM	10-254	ÖnT-T-A <b>GROUP-A</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1) <b>GROUP-B</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50)	Surgical Administration of Peripheral Arterial Diseases <b>GROUP-A:OPC</b> Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking <b>GROUP B:ICU</b> Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula- Inhaler Therapy	Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)
15:30 - 16:20	P	OM	96-202	ÖnT-A-K <b>GROUP-A</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1) <b>GROUP-B</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50)	Surgical Administration of Venous System Diseases <b>GROUP-A:OPC</b> Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking <b>GROUP B:ICU</b> Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula- Inhaler Therapy	Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)



	16:30 - 17:20	P	OM	96-202	ÖnT-A-K <b>GROUP-A</b> (UÇEP-B13) (UÇEP-B3) (UÇEP-A1) <b>GROUP-B</b> (UÇEP-E6) (UÇEP-E40) (UÇEP-E41) (UÇEP-E50)	Surgical Administration of Venous System Diseases <b>GROUP-A:OPC</b> Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking <b>GROUP B:ICU</b> Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen Nebula-Inhaler Therapy	Prof.Dr.Buğra HARMANDAR (ICU) Dr.Öğr.Üys. Burak DEPBOYLU (OPC)
Fiday 01.10.2021	08:30 - 09:20					Cardiovascular Surgery Theoretical Examination	ALL LECTURERS
	09:30 - 10:20					Cardiovascular Surgery Theoretical Examination	ALL LECTURERS
	10:30 - 11:20					Cardiovascular Surgery Theoretical Examination	ALL LECTURERS
	11:30 - 12:20					Cardiovascular Surgery Theoretical Examination	ALL LECTURERS
	13:30 - 14:20					Cardiovascular Surgery Oral Examination	ALL LECTURERS
	14:30- 15:20					Cardiovascular Surgery Oral Examination	ALL LECTURERS
	15:30 - 16:20					Cardiovascular Surgery Oral Examination	ALL LECTURERS
	16:30 - 17:20					Cardiovascular Surgery Oral Examination	ALL LECTURERS

Total	Teorical (T)	36
	Practice (P)	27 (Including 4 advisory hours)

**ÖM:** Learner Centered / **TD:** Community-Based **OR:** OPERATING ROOM, **ICU:** INTENSIVE CARE UNIT, **OPC:** OUTPATIENTS CLINIC, **CVSW:** CARDIOVASCULAR SURGERY WARD, **T:** THEORIC, **P:** PRATIC.

• **Note:** Advisory hour should be written every week between 12:30 and 13:20 on Mondays and Tuesdays.

## Checklist

- |  |  |
|--|--|
|  | 1. Have the clerkship guide and log book been filled?  |
|  | 2. Has the matrix showing the relationship between the aims, objectives and learning outcomes and the courses been filled in?  |
|  | 3. Has the vertical integration matrix of Phase 5 with previous periods been filled in?  |
|  | 4. Has the clerkship program been completed? Has the UÇEP item(clause) and learning level been updated according to UÇEP 2020? |
|  | 5. Has the advisory hour been scheduled between 12:30 and 13:20 every week on Mondays and Tuesdays?                            |
|  | 6. Are public holidays left blank in the program?  |
|  | 7. Is every week on Monday (13:30-17:20)between 13 September 2021 and 14 January 2022 left blank for the elective clerkship?   |
|  | 8. Has the Core Diseases Excel file been updated according to UÇEP 2020?   |
|  | 9. Has the Basic Medicine Practices Excel file been updated according to UÇEP 2020?  |