

COURSE CONTENT

University: Muğla Sıtkı Koçman University

Faculty: Medicine/ **Program:** English Program

Academic Year: 2021-2022

Phase: 5/ **Course:** Cardiovascular Surgery

Course Code: MED 5023 / **ECTS:** 3 / **T+U+L:** Theoretical + Practical

Course Type : Compulsory/ **Course Length :** 2 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

Theoretical:

1. Anamnesis, Physical Examination and Radiological Imaging Methods in Aortoperipheral Occlusive Arterial Diseases (1hour)
2. Aortic Valve Diseases and Surgical Treatment Methods (1hour)
3. Congenital heart diseases with left/right shunt, Surgical and interventional treatment methods (1hour)
4. Cyanotic and Acyanotic Congenital Heart Diseases (1hour)
5. Diagnosis and Treatment in Carotid Artery Stenosis (1hour)
6. Diagnosis and Treatment in Chronic Venous Insufficiency (1hour)
7. Diagnosis and Treatment of Deep Venous Thrombosis and Venous Thromboembolism (1hour)
8. Diagnosis, Surgical and Interventional Treatment Methods in Abdominal Aorta, Iliac and Peripheral Arterial Aneurysms (1hour)
9. Diagnosis, Typing, Imaging, Surgical and Interventional Treatment Methods in Aortic Dissections (1hour)
10. Fallot Tetralogy, Diagnosis and Treatment (1hour)
11. Heart Tumors and Surgical Treatment (1hour)
12. Infective Endocarditis and Surgical Treatment (1hour)
13. Isolated Heart, Heart-Lung Transplantation and Transplantation Immunology (1hour)
14. Left ventricular aneurysms and surgical treatment (1hour)
15. Lymphatic and Vasospastic Vascular Diseases (1hour)
16. Mechanical complications of myocardial infarction and Surgical Treatment (1hour)
17. Medical Treatment Indications and Drug Options in Aortoperipheral Occlusive Arterial Diseases (1hour)
18. Mitral valve disease and Surgical Treatment Methods (1hour)
19. Non-transplant surgical treatment methods, Ventricular support devices and Total artificial heart in chronic heart failure (1hour)
20. Önt-K (1hour)
21. Pericardial Diseases and Surgical Treatment (1hour)
22. Pulmonary Atresias, Diagnosis, Typing, Surgical and Interventional Treatment Methods (1hour)
23. Surgical and Interventional Revascularization Methods in Aortoperipheral Occlusive Arterial Diseases (1hour)
24. Surgical treatment in cardiac arrhythmias (1hour)
25. Surgical Treatment in congenital heart diseases with single ventricular physiology (1hour)
26. Surgical Treatment of Coronary Artery Diseases and Intra-aortic balloon pump use (1hour)
27. Thoracic and Thoracoabdominal Aortic Aneurysms, Surgical and Interventional Treatment Methods

Practical:

1. Advisory hour (3hour)
2. Congenital Heart Diseases Surgical Administration GROUP-A:CVSW General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document GROUP B:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving (1hour)

3. Congenital Heart Diseases Surgical Administration GROUP-A:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving GROUP B:CVSW General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document (1hour)
4. Coronary Surgery Administration GROUP-A:CVSW General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document GROUP B:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving (1hour)
5. Coronary Surgery Administration GROUP-A:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving GROUP B:CVSW General And Problem-Oriented History Taking, Information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document (1hour)
6. Overview of Congenital Heart Diseases and Physical Examination, Cardiovascular System Physical Examination (2hour)
7. Overview of Peripheral Arterial Diseases and Physical Examination Cardiovascular System Examination (1hour)
8. Surgical Administration of Peripheral Arterial Diseases GROUP-A:CVSW General And Problem-Oriented History Taking, information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document GROUP B:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving (1hour)
9. Surgical Administration of Peripheral Arterial Diseases GROUP-A:ICU Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen NebulaInhaler Therapy GROUP B:OPC Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking (1hour)
10. Surgical Administration of Peripheral Arterial Diseases GROUP-A:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving GROUP B:CVSW General And Problem-Oriented History Taking, information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document (1hour)
11. Surgical Administration of Venous System Diseases GROUP-A:CVSW General And Problem-Oriented History Taking, information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document GROUP B:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving (1hour)
12. Surgical Administration of Venous System Diseases GROUP-A:OPC Cardiovascular System Physical Examination, Abdominal Examination, General And Problem-Oriented History Taking GROUP B:ICU Arterial Blood Gas Collection, Ability To Measure Blood Pressure, Ability To Transfuse Blood, Ability To Apply Oxygen NebulaInhaler Therapy (1hour)
13. Surgical Administration of Venous System Diseases GROUP-A:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving GROUP B:CVSW General And Problem-Oriented History Taking, information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document (1hour)
14. Surgical Administrations of Heart Valve Diseases GROUP-A:CVSW General And Problem-Oriented History Taking, information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document GROUP B:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving (1hour)
15. Surgical Administrations of Heart Valve Diseases GROUP-A:OR Providing Decontamination, Disinfection, Sterilization, Antisepsis, Hand Washing, Superficial Suturing And Retrieving GROUP B:CVSW General And Problem-Oriented History Taking,

information And Consent, Preparing A Patient File, Ability To Prepare Epicrisis, Preparing A Treatment Refusal Document (1hour)

Others:

1. Cardiovascular Surgery Oral Examination (4hour)
2. Cardiovascular Surgery Theoretical Examination (4hour)
3. Free Hour (9hour)