

Medicine			
Bachelor	TR-NQF-HE: Level 7	QF-EHEA: Second Cycle	EQF-LLL: Level 7

Course Introduction and Application Information

Course Code:	TIP517						
Course Name:	Plastic Reconstructive and Aesthetic Surgery						
Semester:	Spring						
Course Credits:	<div>ECTS</div> <div>3</div>						
Language of instruction:	Turkish						
Course Condition:							
Does the Course Require Work Experience?:	No						
Type of course:	Compulsory Courses						
Course Level:	<table> <tr> <td>Bachelor</td><td>TR-NQF-HE:7. Master`s Degree</td><td>QF-EHEA:Second Cycle</td><td>EQF-LLL:7. Master`s Degree</td></tr> </table>			Bachelor	TR-NQF-HE:7. Master`s Degree	QF-EHEA:Second Cycle	EQF-LLL:7. Master`s Degree
Bachelor	TR-NQF-HE:7. Master`s Degree	QF-EHEA:Second Cycle	EQF-LLL:7. Master`s Degree				
Mode of Delivery:	Face to face						
Course Coordinator:	Prof. Dr. HİKMET KOÇAK						
Course Lecturer(s):	Doç. Dr. Harun Çöloğlu , Doç. Dr. Kamuran Zeynep Sevim						
Course Assistants:							

Course Objective and Content

Course Objectives:	<p>It is aimed that students gain the following knowledge and skills at the end of the course / internship:</p> <p>To be able to follow emergency hand injury, stitching, burn, wound care approach and dressing in adult and pediatric patients, To know first-level protective methods to prevent pressure sores, and repair techniques after formation, To be able to apply basic surgical sutures in the emergency department under supervision, To learn operating room rules, To learn the basic approach to</p>
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	reconstructive surgery, To know the pre-diagnosis and diagnosis techniques of skin cancers, and To gain knowledge and skills to provide diagnosis and treatment services at the primary care level.
Course Content:	<p>In the field of Plastic Reconstructive and Aesthetic Surgery, in a way to cover the learning objectives specified in the Core Education Program;</p> <p>It covers that approach to burns and wounds in adult and pediatric patients, approach to pressure sores, skin graft, reconstruction with flap and stem cell, repair after breast cancer, approach to emergency hand injuries and upper extremity injuries, surgical approach to skin cancers and rhinoplasty the determination and follow-up of modalities according to the algorithm. Theoretical courses include local surgery applications, stem cell applications, experience of the stem cell center, bedside assessment and application of basic surgical sutures in the operating room, case presentations, dressing, polyclinic visit, video and model-assisted suturing.</p>

Learning Outcomes

The students who have succeeded in this course;

- 1) At the end of the lesson, the student should know the approach to the burn injury coming to the emergency room, the dressing and the materials to be used,
- 2) To have applied at least 3 of the basic surgical suture techniques,
- 3) Sterile for surgeries performed under local or general anesthesia must have experienced entering.
- 4) Must know basic approach to burns, and wounds of other etiology and must have done dressing.
- 5) Must know what is paid attention during the bedside visit,
- 6) Must have done basic surgical suture techniques on the model,
- 7) Must describe the basic reconstructive methods, graft and flap repair,
- 8) Must recognize the dressing materials,
- 9) Must know the approach to hand injuries coming to the emergency room, diagnosis and treatment methods, splinting,
- 10) Must know biopsy techniques and differential diagnosis in patients with a pre-diagnosis of skin cancer.
- 11) Must have a rough grasp of post-breast cancer repair methods.

Course Flow Plan

Week	Subject	Related Preparation
1)	Theoretical Lectures: Internship Presentation Cleft lip and cleft palate Pressure Sores Breast Reconstruction Aesthetic and Functional Rhinoplasty Burn Reconstruction Basic Principles of Tissue Transfer, Grafts and Flaps Skin Injuries and Wound Healing Hand Surgery Emergencies Hand Surgery Principles Practical Training: Polyclinic Operation Service	There is no preparation-course material.
2)	Theoretical Lectures: Stem Cell Therapy and Application Areas Skin Cancers Exam Practical Training: Polyclinic Operation Service	There is no preparation-course material.

Sources

Course Notes / Textbooks:	Dersin kaynak kitabı bulunmamaktadır. The course does not have a mandatory resource.
References:	<p>Dersin konuları ile ilgili güncel makaleler ve ders slaytları./Articles mentioned in the course related with topics and lecture slides.</p> <p>Temel Kaynaklar/Basic Sources:</p> <ol style="list-style-type: none"> 1. Grabb and Smith's Plastic Surgery 2. Plastik Cerrahide Temel İlkeler Prof. Dr. Zekeriya Tosun 3. Plastic Surgery Secrets

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11
Program Outcomes											
1) When Istinye University Faculty of Medicine student is graduated who knows the historical development of medicine, medical practices, and the medical profession and their importance for society.											
2) knows the normal structure and function of the human body at the level of molecules, cells, tissues, organs and systems.											
3) is capable of systematically taking an accurate and effective social and medical history from their patients and make a comprehensive physical examination.											
4) knows the laboratory procedures related to diseases; In primary care, the necessary material (blood, urine, etc.) can be obtained from the patient with appropriate methods and can perform the necessary laboratory procedures for diagnosis and follow-up or request laboratory tests.											
5) can distinguish pathological changes in structure and functions during diseases from physiological changes and can Interpret the patient's history, physical examination, laboratory and imaging findings, and arrive at a pre-diagnosis and diagnosis of the patient's problem.											

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11
6) knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.											
7) can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.											
8) knows the clinical decision-making process, evidence-based medicine practices and current approaches.											
9) knows and applies the basic principles of preventive health measures and the protection of individuals from diseases and improving health, and recognizes the individual and/or society at risk, undertakes the responsibility of the physician in public health problems such as epidemics and pandemics.											
10) knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.											
11) is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.											
12) knows the techniques, methods and rules of researching. It contributes to the creation, sharing, implementation and development of new professional knowledge and practices by using science and scientific method within the framework of ethical rules.											
13) can collect health data, analyze them, present them in summary, and prepare forensic reports.											

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11
14) knows the place of physicians as an educator, administrator and researcher in delivery of health care. It takes responsibility for the professional and personal development of own and colleagues in all interdisciplinary teams established to increase the health level of the society.											
15) knows employee health, environment and occupational safety issues and takes responsibility when necessary.											
16) knows health policies and is able to evaluate their effects in the field of application.											
17) keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.											
18) applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.											

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	When Istinye University Faculty of Medicine student is graduated who knows the historical development of medicine, medical practices, and the medical profession and their importance for society.	
2)	knows the normal structure and function of the human body at the level of molecules, cells, tissues, organs and systems.	
3)	is capable of systematically taking an accurate and effective social and medical history from their patients and make a comprehensive physical examination.	
4)	knows the laboratory procedures related to diseases; In primary care, the necessary material (blood, urine, etc.) can be obtained from the patient with appropriate methods and can perform the necessary laboratory procedures for diagnosis and follow-up or request laboratory tests.	

5)	can distinguish pathological changes in structure and functions during diseases from physiological changes and can Interpret the patient's history, physical examination, laboratory and imaging findings, and arrive at a pre-diagnosis and diagnosis of the patient's problem.	
6)	knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.	
7)	can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.	
8)	knows the clinical decision-making process, evidence-based medicine practices and current approaches.	
9)	knows and applies the basic principles of preventive health measures and the protection of individuals from diseases and improving health, and recognizes the individual and/or society at risk, undertakes the responsibility of the physician in public health problems such as epidemics and pandemics.	
10)	knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.	
11)	is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.	
12)	knows the techniques, methods and rules of researching. It contributes to the creation, sharing, implementation and development of new professional knowledge and practices by using science and scientific method within the framework of ethical rules.	
13)	can collect health data, analyze them, present them in summary, and prepare forensic reports.	
14)	knows the place of physicians as an educator, administrator and researcher in delivery of health care. It takes responsibility for the professional and personal development of own and colleagues in all interdisciplinary teams established to increase the health level of the society.	
15)	knows employee health, environment and occupational safety issues and takes responsibility when necessary.	
16)	knows health policies and is able to evaluate their effects in the field of application.	
17)	keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.	
18)	applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Final	1	% 65
Final Sözlü	1	% 35
total		% 100
PERCENTAGE OF SEMESTER WORK		% 35
PERCENTAGE OF FINAL WORK		% 65
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	2	12
Application	2	12
Special Course Internship (Work Placement)	2	24
Presentations / Seminar	2	16
Final	1	8
Total Workload		72