

TOROS ÜNİVERSİTESİ

Vocational School
Dialysis

Course Information

DIALYSIS EQUIPMENT					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
DYZ114	Spring	2	2	3	4

Prerequisites and co-requisites	NONE
Language of instruction	Turkish
Type	Required
Level of Course	Associate
Lecturer	Lect. Hüsnüye EKİNGEN
Mode of Delivery	Face to Face
Suggested Subject	NONE
Professional practise (internship)	None
Objectives of the Course	This course aim: to gain qualification about information about surgical operations. learning surgical methods, learning the materials used in surgery, directly involving in all surgical teams and assistance during surgical operations.
Contents of the Course	recognition of operating theatre, patient preparation, surgical methods, general and special sets, patient monitorisation, types of anesthesia, surgical assistance, orthosis and prosthesis.

Learning Outcomes of Course

#	Learning Outcomes
1	There is information about special surgical techniques used in surgery
2	It recognizes basic and special sets and materials used during surgery.
3	It is dominated by the concepts of orthosis, prosthesis, suture and drain.
4	Has information about the use of a microscope during surgery
5	All concepts and materials related to surgery are dominant.

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Cautery, vacuum, aspirator, suture and drains	EXPRESSION, DISCUSSION, PRESENTATION
2	Features of surgical instruments	EXPRESSION, DISCUSSION, PRESENTATION
3	Maintenance and cleaning of surgical instruments	EXPRESSION, DISCUSSION, PRESENTATION
4	Basic set features	EXPRESSION, DISCUSSION, PRESENTATION
5	Special materials used in the operating room, special sets	EXPRESSION, DISCUSSION, PRESENTATION
6	Special surgical techniques, equipment, special sets, orthoses and prostheses used in brain surgery	EXPRESSION, DISCUSSION, PRESENTATION
7	Surgical instruments and microscopes used in ear, nose and throat operations	EXPRESSION, DISCUSSION,

		PRESENTATION
8	midterm exam	-
9	Use of microscope in plastic surgery, special sets, suture techniques	EXPRESSION, DISCUSSION, PRESENTATION
10	Breast surgery and orthopedic prosthesis, orthosis use, special sets, special materials	EXPRESSION, DISCUSSION, PRESENTATION
11	Artificial heart cover in cardiovascular surgery, artificial vein use, extracorporeal circulation, special sets	EXPRESSION, DISCUSSION, PRESENTATION
12	Special sets, sutures, drains and orthoses used in obstetrics and gynecology, prostheses	EXPRESSION, DISCUSSION, PRESENTATION
13	Special sets and devices for urological and eye surgery	EXPRESSION, DISCUSSION, PRESENTATION
14	Operating table, ideal operating room environment, monitor and other machines	EXPRESSION, DISCUSSION, PRESENTATION
15	Patient monitorization, patient positions, types of anesthesia	EXPRESSION, DISCUSSION, PRESENTATION
16	Final Exam	-

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	CD, INTERNET, BOOK, MEDICAL FACT. PUBLICATIONS		
2			
3			

Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	There is information about special surgical techniques used in surgery	5,13	1,2
2	It recognizes basic and special sets and materials used during surgery.	5,13	1,2
3	It is dominated by the concepts of orthosis, prosthesis, suture and drain.	5,13	1,2
4	Has information about the use of a microscope during surgery	5,13	1,2
5	All concepts and materials related to surgery are dominant.	5,13	1,2

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	4	56
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	3	42
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0

7	Preparation for Midterm Exam	1	10	10
8	Midterm Exam	1	1	1
9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	10	10
16	Final Exam	1	1	1
				120