

TOROS ÜNİVERSİTESİ

Vocational School
Dialysis

Course Information

NEPHROLOGY I					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
DYZ215	Fall	3	0	3	3

Prerequisites and co-requisites	
Language of instruction	Turkish
Type	Required
Level of Course	Associate
Lecturer	Öğr.Gör.Dr.Ozan EFESOY
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	In this course, aimed to gain knowledge and skills related anatomy of the kidney and the physiology of the kidney and urinary system diseases.
Contents of the Course	The basic functions and regulation of the kidneys. Etiology and clinical in CRF patients (uremic syndrome). Acid -base balance and disorders. Overview of indications and contraindications to renal replacement therapy . Writing hemodialysis adequacy and appropriate prescription of treatment fluid - electrolyte balance disorders in chronic hemodialysis patients . And treatment of complications seen during HD.

Learning Outcomes of Course

#	Learning Outcomes
1	Having knowledge about the basic functions and the regulation of kidney
2	CRF in the etiology and clinical (uremic syndrome) have knowledge about
3	Having knowledge about conservative treatment in CRF patients
4	Explain conservative treatments of CRF and renal replacement therapies in general aspect

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	And regulation of the basic functions of the kidneys	presentation, discussion
2	The CRF etiology and clinical (uremic syndrome)	presentation, discussion
3	Acid-base balance and its disorders	presentation, discussion
4	Overview indications contraindications to renal replacement therapy	presentation, discussion
5	Fluid and Electrolyte Balance Disorders	presentation, discussion
6	Writing of dialysis adequacy and appropriate prescription of treatment in chronic hemodialysis patients	presentation, discussion
7	And treatment of complications seen during HD	presentation, discussion
8	Midterm exam	
9	Ways of protection from infections and infections in dialysis patients	presentation, discussion
10	Glomerulonephritis and treatment	presentation, discussion

11	Peritoneal dialysis physiological principles and peritonitis	presentation, discussion
12	Peritoneal dialysis physiological principles and peritonitis	presentation, discussion
13	Crush syndrome and prophylaxis	presentation, discussion
14	Conservative treatment in CRF	presentation, discussion
15	Diabetes mellitus and cardiovascular disease	presentation, discussion
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Course Presentations Notes		
2			
3			
4			

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	Having knowledge about the basic functions and the regulation of kidney	1,2,5	1
2	CRF in the etiology and clinical (uremic syndrome) have knowledge about	5,6,7,8	1,2
3	Having knowledge about conservative treatment in CRF patients	5,6,7,8,9	1,2
4	Explain conservative treatments of CRF and renal replacement therapies in general aspect	3,4,5,6,7	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	3	42
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	2	2
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	2	2
16	Final Exam	1	1	1
				90