



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Dialysis Applications I							
Course Code		DY209		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	0	Practice	8	Laboratory	0
Objectives of the Course		Dialysis applications 1 for the student aims to teach the basic concepts of hemodialysis and peritoneal dialysis, dialysis, and have knowledge of issues related to the dialysis process itself which will make the student reach the needed qualification.							
Course Content		Hemodialysis application, principles of hemodialysis and peritoneal dialysis in children . Hemodialysis equipment and tools and equipment used in hemodialysis. Complications and treatment approaches during hemodialysis . Physiological principles and the basic principles of peritoneal dialysis . Tools used in peritoneal dialysis and peritoneal dialysis solutions and instrumental (apd) propertie.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Practice Examination	1	100

Recommended or Required Reading

1	Staj yönetmeliği
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Week	Weekly Detailed Course Contents	
1	Practice	Clinical Practice
2	Practice	Clinical Practice
3	Practice	Clinical Practice
4	Practice	Clinical Practice
5	Practice	Clinical Practice
6	Practice	Clinical Practice
7	Practice	Clinical Practice
8	Practice	Clinical Practice
9	Practice	Clinical Practice
10	Practice	Clinical Practice
11	Practice	Clinical Practice
12	Practice	Clinical Practice
13	Practice	Clinical Practice
14	Practice	Clinical Practice
15	Practice	Practice exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Practice	14	1	8	126
Individual Work	14	0	1	14
Practice Examination	1	2	8	10
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Learn Haemodialysis as Practical Application
2	Learn Peritoneal Dialysis as Practical Application.
3	Learning Approaches and Treatment of complications during hemodialysis



4	Learning the principles of hemodialysis and peritoneal dialysis in children
5	Learning Approaches and Treatment of complications during hemodialysis

Programme Outcomes (Dialysis)

1	To be able to comprehend the duties and responsibility of dialysis technicians. To be able to work in a team with members of other health professions.
2	To be able to acquire a general knowledge of human anatomy, physiology and biochemistry
3	To be able to gain knowledge of blood-borne infectious diseases, especially infectious diseases such as hepatitis and universal prevention methods
4	To be able to have knowledge of blood-borne infectious diseases, especially infectious diseases such as hepatitis and universal prevention methods
5	To be able to recognize hemodialysis machine, and have knowledge and skills will be used it during operation of dialysis
6	To be able to have the knowledge of application on peritoneal dialysis and skills be able to train patient on this.
7	To be able to acquire dialysate characteristics, have necessary skills on preparation and application
8	To be able to gain the knowledge and skills on the basic principles of water treatment, application methods, and control of purified water as a level of practitioner
9	To be able to comprehend the principles of patient care, complications during dialysis operation what patients may be encounter and perform necessary knowledge and skills to take necessary measures to protect patient from these complications.
10	To be able to gain knowledge and equipment related to educating on problems that the long-term dialysis patients may have.
11	To be able to understand periodic examinations during the follow up dialysis patients and recognize pathologies in the early period, and have the knowledge and skills to take necessary precautions in time
12	To be able to have the knowledge of the dialysis patients, physiological, social and psychological problems, and perform necessary support skills on these issues for the patient
13	In general to be able to comprehend the knowledge of, drugs, dosage, side effects, and toxic effects, routes of administration of drugs and drug use in patients with chronic renal failure
14	To be able to acquire a high level knowledge of fluid and electrolyte problems with general issues nephrology, acid-base balance disorder, nephrology and urology kidney disease, chronic and acute renal failure.
15	To be able to comprehend the methods of diagnosis and treatment of diseases of the system, and have knowledge of fighting and protecting from especially problems that can be seen in dialysis patients as level of practitioner and getting patient compliance.
16	To be able to have knowledge of statistics and research methods as a level of following the developments, monitoring and interpreting scientific publications.
17	To be able to gain the knowledge of foreign language as a level of communicating and following developments.
18	To be able to be willing to self-improvement as an individual committed to the principles and reforms of Atatürk and keeping on the some of the rules of social life, customs and traditions, depending on the interests of the country on their own interests as a member of society,

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	1	1	1	1	1
P5	5	5	5	5	5
P6		5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	3	3	3	3	3
P10	3	3	3	3	3
P12	2	2	2	2	2
P13	2	2	2	2	2
P14	2	2	2	2	2
P15	2	2	2	2	2

