



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Dialysis II							
Course Code		DY204		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	6	Workload	150 ( <i>Hours</i> )	Theory	4	Practice	0	Laboratory	0
Objectives of the Course		This course aims to teach the student specific cases scheduled for dialysis patients, organ transplant dialysis and transplantation practices and knowledge and skills for patient preparation.							
Course Content		Prescribing hemodialysis . Hemodialysis device disinfection. Psychosocial problems and coping methods in hemodialysis patients. Kidney transplantation, indications and contraindications for the dialysis patient 's nutrition and drug use in dialysis patients.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

### Prerequisites & Co-requisites

Co-requisite	DY206
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### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Lecture Notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	Hemodiyaliz Reçetelendirmesi
2	Theoretical	Nutrition in Dialysis Patients
3	Theoretical	Slow and continuous hemodialysis (HD) Methods
4	Theoretical	Plasmapheresis, hemoperfusion and dialysis poisoning
5	Theoretical	Dry Weight Concept, Hypertension in CRF
6	Theoretical	Hepatitis B Vaccination Program, Hepatitis C, personnel risks, pin prick, Disinfection of Hemodialysis Machines
7	Theoretical	Cardiovascular Problems in CRF
8	Intermediate Exam	MIDTERM EXAM
9	Theoretical	Renal osteodystrophy, dialysis amyloidosis, and Treatment of Renal Anemia
10	Theoretical	Infectious Complications in hemodialysis
11	Theoretical	Pregnancy and Dialysis
12	Theoretical	Psychosocial Problems and Coping Methods of Hemodialysis Patients
13	Theoretical	Preparation of transplantation and dialysis patients, Kidney Transplantation
14	Theoretical	Renal replacement therapy in our country and Legislation
15	Theoretical	Drug Use in Dialysis Patients

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	4	56
Seminar	10	5	3	80
Midterm Examination	1	5	1	6
Final Examination	1	7	1	8
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	Learning Hemodialysis prescription
2	Learning disinfection of hemodialysis equipment
3	Learning Psychosocial Problems and Coping Methods in Hemodialysis Patients
4	Learning the indications for Kidney Transplantation infections
5	Knowledge of Drug Use in Dialysis Patients

**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
P6	5	5	5	5	5
P8	4	4	4	4	4
P9	4	4	4	4	4
P12	5	5	5	5	5
P13	3	3	3	3	5
P14	3	3	3	3	3
P15	3	3	3	4	4

