



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Safe Medication Use							
Course Code		TL303		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To provide the basic information on the safety drug usage in risky periods.							
Course Content		Basic principles of safety drug usage, basic principles of safety drug usage in special physiological and risky periods, evaluation, prevention and treatment of drug toxicity in risky periods, safety drug usage in infants and childhood, safety drug usage in pregnancy and lactation, safety drug usage in geriatrics, safety drug usage in some chronic diseases.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Ins. Nejla BİÇER							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	T.C. Sosyal Güvenlik Kurumu Başkanlığı, Editör: Prof. Dr. Ahmet AKICI 2013 SGK Yayın No: 93, ISBN: 978-605-63932-4-2 Ankara, Haziran 2013
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Week	Weekly Detailed Course Contents	
1	Theoretical	Basic concepts of safety drug usage.
2	Theoretical	The toxicological outcomes of drug-food interactions
3	Theoretical	The toxicological outcomes of drug-alcohol interactions.
4	Theoretical	The toxicological outcomes of drug-drug.
5	Theoretical	The safety drug usage in the epilepsy patients. and in the patients with hypertension
6	Theoretical	The nutritional deficiency caused by drugs, its classification, and the related examples.
7	Theoretical	The safety drug usage in the geriatrics.
8	Theoretical	The safety drug usage in the pregnancy.
9	Theoretical	The safety drug usage in the lactation.
10	Theoretical	The safety drug usage in the patients with infections.
11	Theoretical	The safety drug usage in the new born and children
12	Theoretical	The safety drug usage in the new born and children
13	Theoretical	The safety drug usage in the patients with diabetes.
14	Theoretical	The safety drug usage in the patients with diabetes.

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	14	0	2	28
Midterm Examination	1	1	2	3
Final Examination	1	0	2	2
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	1. Students are well informed about the safety drug usage in risky periods
2	2. The safety drug usage in chronic diseases
3	3. The drug-food, drug-alcohol, drug-drug interactions



4	4. The safety drug usage in special physiological periods
5	5.gain information about rational antibiotic use.

#### 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
P3	3	3	3	3	3
P13	5	5	5	5	5
P14	3	3	3	3	3
P15	3	3	3	3	3
P16	3	3	3	3	3

