



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Urinary System Anatomy								
Course Code	TAN649	Course Level			Third Cycle (Doctorate Degree)				
ECTS Credit	4	Workload	94 (Hours)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course	The urinary system is the system formed by organs and structures that ensure the removal of waste materials from the body with a liquid called urine. It consists of the kidneys, ureter, bladder and urethra structures, which provide the formation and sending of urine from the body. Knowing the anatomical features of all these structures, learning their morphology and examining these structures on cadavers and models will form the basis of this course. In addition, learning of topographic locations and their relations with clinical anatomy will be provided.								
Course Content	General topographic locations of urinary system organs, external facial features of kidneys Neighborhood and side differences of kidneys, cross-sectional anatomy Calyx system, pelvis renalis and ureter Vessels and innervation of the kidneys and ureter Clinical manifestations of kidneys and collecting system, external facial features and neighborhoods of vesica urinaria Relationship between vesica urinaria and anterior abdominal wall, pre- and post vesical gaps, urethra masculina and urethra feminina								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Gray's for medical students anatomy, Prof. Dr. Mehmet Yıldırım, Güneş Kitap Evi – Ankara, 2007
2	Sobotta Human Anatomy 1-2, Prof. Dr. Kaplan Arıncı, H. Ferner ve J. Staubesand – Münih, 1985.

Week Weekly Detailed Course Contents & Teaching Methods

Week	Weekly Detailed Course Contents & Teaching Methods
1	Preparation Work anatomy of the kidney
2	Preparation Work anatomy of the kidney
3	Preparation Work Clinical evaluation
4	Preparation Work Anatomy of the ureter
5	Preparation Work Clinical evaluation
6	Preparation Work Anatomy of the bladder
7	Preparation Work Anatomy of the male urethra
8	Preparation Work Anatomy of the male urethra
9	Preparation Work Intermediate exam
10	Preparation Work Anatomy of the female urethra
11	Preparation Work Anatomy of the female urethra
12	Preparation Work Arteries of the urinary system
13	Preparation Work Variations of urinary system structures
14	Preparation Work Cross-sectional anatomy of the urinary system
15	Preparation Work Clinical evaluation
16	Preparation Work Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	4	56
Assignment	8	0	1	8
Midterm Examination	1	0	1	1



Final Examination	1	0	1	1
Total Workload (Hours)				94
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Recognizes, names and explains the structural features of the formation seen
2	Defines the topographical relationships of anatomical formations with each other
3	The functional properties of organs can be related to their structural features.
4	Distinguish between normal and abnormal structures of tissues and organs
5	Describe the anatomical structures of the system in radiological images

Programme Outcomes (Anatomy (Medical) Doctorate)

1	Be able to acquire enough knowledge and use of the infrastructure about Human anatomy and clinical anatomy, terminology
2	To use information on the science of anatomy study areas.
3	Anatomy is associated with other related disciplines to comprehend and to synthesize interdisciplinary interaction
4	Obtain the information about Systematic and topographical anatomy of the human-oriented structures, functions and their relationship with each other.
5	Create problems and solutions related fields to reveal the anatomy, experimental methods to gain the ability to solve the hypothesis.
6	Literature search ability, reading scientific papers, be able to evaluation and follow-up-to-date information
7	To be able to prepare the article in the science of anatomy
8	To be able to present papers in the field of science of anatomy
9	To gain enough discipline and experience related to anatomy and to be an expert
10	To have professional ethics and responsibility

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	4	3	4	4	5
P2	4	4	3	5	5
P3	3	3	5	5	5
P4	5	5	4	4	4
P5	4	3	5	3	3
P6	3	5	5	4	4
P7	5	4	5	3	5
P8	5	3	4	4	4
P9	5	5	5	5	5
P10	5	4	4	4	5

