

Blue print - Anatomy

“Renal and urinary system module”

Lecture	Teaching hours	Weight	Marks (8.5)
Anatomy of the kidney & ureter1	1.5 hour	21.8%	1.85
Development of the kidney & ureter	1 hour	18.18%	1.5
Anatomy of ureter2, urinary bladder & urethra	1.5 hour	21.8%	1.85
Development of urinary bladder and urethra	1.5 hour	21.8%	1.85

Lecture	MCQ	EMQ	Problem solving	SAQ	Easy
Anatomy of the kidney & ureter 1	✓		✓	✓	✓
Development of the kidney & ureter	✓		✓	✓	✓
Anatomy of ureter2, urinary bladder & urethra	✓		✓	✓	✓
Development of urinary bladder and urethra	✓		✓	✓	✓

Lecture	ILOS
Anatomy of the kidney & ureter1	<ol style="list-style-type: none"> 1. Describe the general organization of the urinary system. 2. Describe anatomy of the kidneys regarding their shape, surfaces, hilum and borders 3. Describe coverings and relations of the kidney. 4. Describe blood supply, lymphatic drainage and nerve supply of the kidney. 5. Clarify the surface anatomy of the kidney 6. Differentiate between the relations, blood supply and lymphatic drainage of both kidneys. 7. Describe length, course & relations of ureter.
Development of the kidney & ureter	<ol style="list-style-type: none"> 1. Recognize the normal development of the kidney and ureter. 2. Describe the congenital anomalies of the kidney and ureter. 3. Explain on embryological bases these congenital anomalies
Anatomy of ureter 2, urinary bladder & urethra	<ol style="list-style-type: none"> 1. Describe blood supply, nerve supply & lymphatic drainage of ureter. 2. Enumerate and describe sites of ureteric stricture 3. Describe relations, blood supply, nerve supply & lymphatic drainage of urinary bladder and urethra 4. Differentiate between male and female urethra 5. Compare between internal and external urethral sphincter
Development of urinary bladder and urethra	<ol style="list-style-type: none"> 1. Recognize the normal development of the urinary bladder and its congenital anomalies. 2. Describe the development of the urethra and its congenital anomalies. 3. Explain on embryological bases these congenital anomalies

--	--

Practical blue print:

Anatomy Topic	Practical	Weight %	Mark (6.375)
Examination of prosection of urinary system. Revision on posterior abdominal wall (spots)	OSPE	25%	1.6
Kidney & ureter	OSPE	25%	1.6
urinary bladder & urethra	OSPE	25 %	1.6
* Radiology	OSPE	25%	1.6
* Revision			

Anatomy Practical topics	ILOS
Examination of prosection of urinary system. Revision on posterior abdominal wall (spots)	1. Identify the site and relations of the kidney, ureter, the urinary bladder and urethra.
Kidney & ureter	1. Identify the site, shape, surfaces, peritoneal coverings, and relations of the kidney. 2. Describe course and sites of constrictions of the ureter.
urinary bladder & urethra	1. Identify the site, shape, surfaces, peritoneal coverings, and relations of the ureter, urinary bladder and urethra
Radiology	1. Describe the normal variants in the anatomy of the urinary tract. 2. Describe the normal variants in the radiologic appearance of the urinary tract. 3. Discuss the anatomical bases for congenital anomalies of the urinary tract. 4. Discuss the radiologic aspects of congenital anomalies of the urinary tract.
Revision	