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| **WEEK 1 – RENAL BLOCK (Male-Group A)** | | | | |
| **Week (1 ) Starting: 20/04/2014 ( 20/06/1435H )**  **Acute Kidney injury** | | | | |
| **CHAIR PERSON: Dr. Mohammed Al-Ghonaim** | | | | |
| **Sunday**  **20 April 2014** | **Monday**  **21 April 2014** | **Tuesday**  **22 April 2014** | **Wednesday**  **23 April 2014** | **Thursday**  **24 April 2014** |
| **8:00 - 10:00 am**  Problem-based  Learning  Case 1 Tutorial 1 | **8:00 - 9:00 am**  Acute kidney injury  **( Pathology)**  **Prof. Ammar Al Rikabi** | **8:00 - 9:00 am**  Regulation of glomerular filtration  **(Physiology)**  **Prof. Tarig Ahmed** | **8:00 - 10:00 am**  Problem-based  Learning  Case 1 Tutorial 2 | **8:00 - 9:00 am**  Self-directed Learning |
| **9:00 - 10:00am**  **(Practical)**  Histology of kidney  **(Histology)**  **All Staff** | **9:00 - 10:00 am**  Chemical examination of urine  **(Biochemistry)**  **Dr. Usman Ghani** | **9:00 - 10:00 am**  Self-directed Learning |
| **10:00 - 11:00 am**  Anatomy of the kidney  **(Anatomy)**  **Prof. Saeed Abuelmakareem** | **10:00 - 11:00 am**  Renal function tests  **(Biochemistry)**  **Dr. Amr Moustafa** | **10:00 - 11:00 am**  Self-directed Learning | **10:00 - 11:00 am**    **Salam** | **10:00- 11:00 am**  Self-directed Learning |
| **11:00 - 12:00 pm**  Histology of the Kidney  **(Histology)**  **Dr. Aly Mohammed** | **11:00 - 12:00 pm**  Development of the Kidney, ureters  **(Embryology)**  **Prof. Ahmed Fathalla** | **11:00 - 12:00 pm**  Radiology of the renal System  **(Radiology)**  **Dr. Reshaid AlJurayyan** | **11:00 - 12:00 pm**  Renal clearance  **(Physiology)**  **Prof. Tarig Ahmed** |
| **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** |
| **1:00 - 3:00 pm**  **(Practical)**  Anatomy of the kidney  **(Anatomy)**  **All Staff** | **1:00 - 2:00 pm**  Renal functions and glomerular filtration  **(Physiology)**  **Prof. Tarig Ahmed** | **1:00 - 3:00 pm**  **(Practical)**    Glomerular Filtration Rate and renal clearance  **(Physiology)**  **All staff** | **1:00 - 2:00 pm**  Self-directed Learning | **1:00-3:00 pm**    **Salam** |
| **2:00-3:00pm**  Self-directed Learning | **2:00-3:00pm**  Self-directed Learning |

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| **WEEK 2 - RENAL BLOCK (Male-Group A)** | | | | |
| **Week (2 ) Starting: 27/04/2014 ( 27/06/1435H )**  **Urinary Tract Infections** | | | | |
| **CHAIR PERSON: Dr. Mohammed Al-Ghonaim** | | | | |
| **Sunday**  **27 April 2014** | **Monday**  **28 April 2014** | **Tuesday**  **29 April 2014** | **Wednesday**  **30 April 2014** | **Thursday**  **01 May 2014** |
| **8:00 - 10:00 am**  Problem-based  Learning  Case 2 Tutorial 1 | **8:00 - 9:00 am**  Co-trimoxazole, nitrofurantoin and quinolones in UTI  **(Pharmacology)**  **Prof. Mohammad Al Humayyad** | **8:00 - 9:00 am**  Infection of the upper urinary tract **(Pathology)**  **Prof. Ammar Al Rikabi** | **8:00 - 10:00 am**  Problem-based  Learning  Case 2 Tutorial 2 | **8:00 - 9:00 am**  Cystitis  **(Microbiology)**  **Dr. Ali Somily** |
| **9:00 - 11:00** **am**    **(Practical - 1)**  Acute kidney injury  **(Pathology)**  **Dr. Marie Mukhashin/**  **Prof. Ammar Al Rikabi** | **9:00 - 10:00 am**  Infection of the lower urinary tract **(Pathology)**  **Prof.Ammar Al Rikabi** | **9:00 - 10:00 am**  Self-directed Learning |
| **10:00 - 11:00 am**  Histology of Urinary tract  **(Histology)**  **Dr. Aly Mohammed** | **10:00 - 12:00 pm**  **(Practical - 2)**  Infection of the urinary tract  **(Pathology)**  **Dr. Marie Mukhashin/**  **Prof. Ammar Al Rikabi** | **10:00 – 11:00 am**  Self-directed Learning | **10:00 - 11: 00 am**  Management of UTI  **(Microbiology)**  **Dr. Ali Somily** |
| **11:00 - 12:00 pm**  Kidney stones    **(Biochemistry)**  **Dr. Usman Ghani** | **11:00 - 12:00 pm**  Ureters, bladder and urethra  **(Anatomy)**  **Prof. Ahmed Fathalla** | **11:00 - 12:00 pm**  Self-directed Learning | **11:00 - 12:00 pm**  Development of bladder and urethra  **(Embryology)**  **Dr. Essam Salama** |
| **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** |
| **1:00 - 2:00 pm**  **(Practical)**  Histology of  urinary tract  **(Histology)**  **All Staff** | **1:00-3:00 pm**  **(Practical)**  Ureters, bladder, and urethra  **(Anatomy)**  **All Staff** | **1:00 - 2:00 pm**  Cephalosporins tetracyclines and aminoglycoside in UTI  **(Pharmacology)**  **Prof. Mohammad AL Humayyad** | **1:00 - 3:00 pm**  **(Practical)**  Organisms causing UTI  **(Microbiology)**  **Dr. Ali Somily/**  **Prof. Kambal** | **1:00 - 3:00 pm**  **Salam** |
| **2:00-3:00pm**  Self-directed Learning | **2:00-3:00pm**  Physiology of Micturation  **(Physiology)**  **Prof. Tarig Ahmed** |

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| **WEEK 3 - RENAL BLOCK (Male-Group A)** | | | | |
| **Week (3 ) Starting: 04/05/2014 ( 05/07/1435H )**  **Nephrotic/Nephritic syndrome** | | | | |
| **CHAIR PERSON: Dr. Mohammed Al-Ghonaim** | | | | |
| **Sunday**  **04 May 2014** | **Monday**  **05 May 2014** | **Tuesday**  **06 May 2014** | **Wednesday**  **07 May 2014** | **Thursday**  **08 May 2014** |
| **8:00 -10:00 am**  **MIDBLOCK**  **EXAM** | **8:00 - 9:00 am**  Immune complex nephritis  **(Immunology)**  **Dr. Adel Almogren** | **8:00 - 9:00 am**    Pyeolonephritis  **(Microbiology)**  **Prof. Abdelmageed Kambal** | **8:00 - 10:00 am**  Problem-based  Learning  Case 3 Tutorial 2 | **8:00 - 9:00 am**  Inborn errors of amino acid metabolism  **(Biochemistry)**  **Dr. Usman Ghani** |
| **9:00 - 10:00** **am**  Nephrotic /Nephritic syndrome  **(Pathology)**  **Prof. Ammar Al Rikabi** | **9:00 - 10:00** **am**  Renal regulation of body fluids  **(Physiology)**  **Prof. Tarig Ahmed** | **9:00 - 10:00 am**  Concentration of the urine  **(Physiology)**  **Prof. Tarig Ahmed** |
| **10:00 -12:00pm**  Problem-based  Learning  Case 3 Tutorial 1 | **10:00 - 11:00 am**  Carbonic anhydrase inhibitors and osmotic diuretics  **(Pharmacology)**  **Prof. Abdulqader Al Haider** | **10:00 - 11:00 am**  Potassium sparing diuretics  **(Pharmacology)**  **Prof. Abdulqader Al Haider** | **10:00 - 11:00am**  Rapid Progress Glomerular Nephritis/Chronic kidney Disease  **(Pathology)**  **Prof. Ammar Al Rikabi** | **10:00 - 11:00 am**  Loop and thiazide diuretics  **(Pharmacology)**  **Prof. Abdulqader Al Haider** |
| **11:00 - 12:00 pm**  Tubular secretion  **(Physiology)**  **Prof. Tarig Ahmed** | **11:00 - 12:00pm**  Tubular reabsorption  **(Physiology)**  **Prof. Tarig Ahmed** | **11:00 - 12:00 pm**  Self-directed Learning | **11:00 - 12:00 pm**  Self-directed Learning |
| **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** |
| **1:00 - 3:00 pm**  **Practical**  Tubular transportation  **(Physiology)**  **All staff** | **1:00-3:00 pm**  **(Practical)**  Urinalysis  **(Biochemistry)**  **All Staff** | **1:00 - 3:00 pm**  **(Practical)**  Renal tubular function  **(Physiology)**  **All staff** | **1:00 - 3:00 pm**  **(Practical – 3)**  Rapid Progress Glomerular Nephritis/Chronic kidney Disease  **(Pathology)**  **Dr. Marie Mukhashin**  **Prof. Ammar Al Rikabi** | **1:00-3:00 pm**  **Salam** |

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| **WEEK 4 - RENAL BLOCK (Male-Group A)** | | | | |
| **Week (4 ) Starting: 11/05/2014 ( 12 /07/1435H )**  **Chronic Kidney Disease** | | | | |
| **CHAIR PERSON: Dr. Mohammed Al-Ghonaim** | | | | |
| **Sunday**  **11 May 2014** | **Monday**  **12 May 2014** | **Tuesday**  **13 May 2014** | **Wednesday**  **14 May 2014** | **Thursday**  **15 May 2014** |
| **8:00 - 10:00 am**  Problem-based  Learning  Case 4 Tutorial 1 | **8:00 - 9:00 am**  Self-directed Learning | **8:00 - 9:00 am**  Buffer systems  **(Physiology)**  **Prof. Tarig Ahmed** | **8:00 - 10:00 am**  Problem-based  Learning  Case 4 Tutorial 2 | **8:00 -10:00 am**  **Practical Revision**  Organism causing UTI  **(Microbiology)**  **Dr. Ali Somily** |
| **9:00 - 10:00 am**  Renal excretion of drugs  **(Pharmacology)**  **Dr. Ishfaq Bukhari** | **9:00 - 10:00am**  Self-directed Learning |
| **10:00 - 11:00 am**  Tumors of the kidney and urinary tract  **(Pathology)**  **Prof. Ammar Al Rikabi** | **10:00 - 12:00 pm**  **(Practical)**  Basics of acid base  **(Physiology)**  **All staff** | **10:00 - 11:00 am**  Self-directed  Learning | **10:00 - 11:00 am**  Immunology of renal transplant  **(Immunology)**  **Prof. Zahid Shakoor** | **10:00 - 11:00 am**  Self-directed  Learning |
| **11:00 – 12:00pm**  Self-directed Learning | **11:00 – 12:00pm**  Self-directed  Learning | **11:00 – 12:00pm**  Pathology of renal allograft  **(Pathology)**  **Prof. Ammar Al Rikabi** | **11:00 – 12:00pm**  Self-directed  Learning |
| **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** |
| **1:00 - 2:00 pm**  Basics of acid base  **(Physiology)**  **Prof. Tarig Ahmed** | **1:00-2:00 pm**  Acid base disorders  **(Physiology)**  **Prof. Tarig Ahmed** | **1:00 - 2:00 pm**  Self-directed Learning | **1:00 - 2:00 pm**  Self-directed  Learning | **1:00-3:00 pm**  **Salam** |
| **2:00-3:00pm**  Self-directed Learning | **2:00-3:00pm**  Self-directed Learning | **2:00-3:00pm**  Self-directed Learning | **2:00-3:00pm**  Self-directed  Learning |