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| **WEEK 1 – MUSCULOSKELETAL BLOCK (Male-B)** | | | | |
| **Week (1) Starting: 01/12/2013 (28/01/1435H)**  **INTRODUCTION & THE SKELETON** | | | | |
| **CHAIR PERSON: Dr. Ahmad Bin Nasser** | | | | |
| **CO-CHAIR: Dr. Hisham Al Khalidi** | | | | |
| **Sunday**  **01 December 2013** | **Monday**  **02 December 2013** | **Tuesday**  **03 December 2013** | **Wednesday**  **04 December 2013** | **Thursday**  **05 December 2013** |
| **8:00 - 9:00am**  Physiology of the bone  **(Physiology)**  **Dr. Taha Sadig** | **8:00-9:00am**  Physiology of the motor unit  **(Physiology)**  **Dr.Mohammed Alotaibi** | **8:00 - 9:00am**  Histology of cartilage and bone  **(Histology)**  **Dr. Aly Mohamed** | **8:00 - 10:00am**   |  | | --- | | **Practical**  Appendicular Skeleton  **(Anatomy and Histology)**  **All staff** | | **8:00 - 9:00am**  **Self –Directed**  **Learning** |
| **9:00 - 10:00am**  Overview of the Musculoskeletal  Block  **Dr. Ahmad Bin Nasser** | **9:00 - 10:00am**   |  | | --- | | Bones of the upper limbs  **(Anatomy)**  **Dr. Khaleel Alyahya** | | **9:00 - 10:00am**  Nerve action potential & Properties of nerve fibers  **(Physiology)**  **Dr. Taha Sadig** | **9:00 - 10:00am**  Fracture and bone healing  **(Pathology)**  **Prof Ammar Al-Rikabi** |
| **10:00 - 11:00am**   |  | | --- | | Histology of the Muscles  **(Histology)**  **Dr. Mohamed Atteya** | | **10:00 - 11:00am**  Resting membrane potential  **(Physiology)**  **Dr. Mohammed Alotaibi** | **10:00 - 11:00am**  **Self –Directed**  **Learning** | **10:00 - 11:00am**  Congenital and developmental bone diseases  **(Pathology)**  **Prof. Ammar Al-Rikabi** | **10:00 - 11:00am**  Nerve conduction studies and EMG  **(Physiology)**  **Dr. Taha Sadig** |
| **11:00- 12:00nn**  Glycogen metabolism in muscles  **( Biochemistry)**  **Dr. Amr Moustafa** | **11:00- 12:00nn**    Bones of the lower limbs  **( Anatomy)**  **Dr. Mohammad Vohra** | **11:00 - 12:00nn**  Mechanisms of auto-immunity  **(Immunology)**  **Dr. Adel Almogren** | **11:00- 12:00nn**  **Meeting with the Dean** | **11:00- 12:00nn**  **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 - 3:00pm**  **Salam** | **1:00 -2:00pm**  **Self –Directed**  **Learning** | **1:00 - 2:00pm**  **Self –Directed**  **Learning** | **1:00 - 2:00pm**  **Self –Directed**  **Learning** | **1:00 - 2:00pm**  **Self –Directed**  **Learning** |
| **2:00 - 3:00pm**  **Self –Directed**  **Learning** | **2:00 - 3:00pm**  **Self –Directed**  **Learning** | **2:00 - 3:00pm**  **Self –Directed Learning** | **2:00 - 3:00pm**  **Self –Directed**  **Learning** |

**LECTURE HALL -2**

**NEW BUILDING LEVEL 2**

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| **WEEK 2 – MUSCULOSKELETAL BLOCK (Male-B)** | | | | |
| **Week (2) Starting: 08/12/2013 ( 05/02/1435H)**  **BACK** | | | | |
| **CHAIR PERSON: Dr. Ahmad Bin Nasser** | | | | |
| **CO-CHAIR: Dr. Hisham Al Khalidi** | | | | |
| **Sunday**  **08 December 2013** | **Monday**  **9 December 2013** | **Tuesday**  **10 December 2013** | **Wednesday**  **11 December 2013** | **Thursday**  **12 December 2013** |
| **8:00 - 10:00am**  Problem-based  Learning  Case 1 Tutorial 1 | **8:00-9:00am**  **Self –Directed**  **Learning** | **8:00 - 9:00am**  Sacrum and pelvis  **(Anatomy)**  **Dr. Essam Salama** | **8:00 - 10:00am**  Problem-based  Learning  Case 1 Tutorial 2 | **8:00 - 10:00am**  **Practical**  Vertebrae  **(Anatomy & Radiology)**  **All staff** |
| **9:00 - 10:00 am**  Muscles of the back  **( Anatomy)**  **Prof. Ahmed Fathalla** | **9:00 - 10:00 am**  Muscle relaxants  **(Pharmacology)**  **Dr. Ishfaq Bukhari** |
| **10:00 - 11:00am**  Thoracolumbar spine  **(Anatomy)**  **Dr. Mohammad Vohra** | **10:00 - 11:00am**  Physiology of muscle  Contraction  **( Physiology)**  **Dr.Mohammed Alotaibi** | **10:00 - 12:00nn**  **Practical**  Muscles of the back  **( Anatomy)**  **All staff** | **10:00 - 11:00am**  NSAIDs  **(Pharmacology)**  **Dr. Osama Yousif** | **10:00 - 11:00am**  Physical and physiological factors in athletic performance  **(Physiology)**  **Dr. A. Al-Howaikan** |
| **11:00- 12:00nn**  Cervical spine  **( Anatomy)**  **Prof. Saeed Abuelmakarem** | **11:00- 12:00nn**  Muscle adaptation to exercise  **(Physiology)**  **Dr. A. Al-Howaikan** | **11:00- 12:00nn**  Introduction to myopathies and  Muscular dystrophy  **(Pathology)**  **Dr. Hisham Alkhalidi** | **11:00- 12:00nn**  **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 - 2:00pm**  **Self –Directed**  **Learning** | **1:00 - 2:00pm**  **Self –Directed**  **Learning** | **1:00 - 2:00pm**  **Self –Directed**  **Learning** | **1:00 - 2:00pm**  **Self –Directed**  **Learning** | **1:00 - 3:00pm**  **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** |

**LECTURE HALL -2**

**NEW BUILDING LEVEL 2**

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| **WEEK 3 – MUSCULOSKELETAL BLOCK (Male-B)** | | | | |
| **Week (3) Starting: 15/12/2013 (12 /02/1435H )**  **UPPER LIMBS** | | | | |
| **CHAIR PERSON: Dr. Ahmad Bin Nasser** | | | | |
| **CO-CHAIR: Dr. Hisham Al Khalidi** | | | | |
| **Sunday**  **15 December 2013** | **Monday**  **16 December 2013** | **Tuesday**  **17 December 2013** | **Wednesday**  **18 December 2013** | **Thursday**  **19 December 2013** |
| **8:00 - 10:00am**  Problem-based  Learning  Case 2 Tutorial 1 | **8:00-9:00am**  Axillary and median nerve  **( Anatomy)**  **Prof. Saeed Abuelmakarem** | **8:00 - 9:00am**  Hand and wrist  **( Anatomy)**  **Dr. Mohammad Vohra** | **8:00 - 10:00am**  Problem-based  Learning  Case 2 Tutorial 2 | **8:00 - 9:00am**  **Self – directed**  **Learning** |
| **9:00 - 10:00am**  Indirect acting Cholinergic drugs  **(Pharmacology)**  **Prof. Al Haider** | **9:00 - 10:00am**  Vascular anatomy of the upper limb  **(Anatomy)**  **Dr. Essam Salama** | **9:00 - 10:00am**  **Self – directed**  **Learning** |
| **10:00 - 11:00am**  Neuromuscular  Transmission  **(Physiology)**  **Dr. Taha Sadig** | **10:00 - 11:00am**  Arm and elbow  **( Anatomy)**  **Dr. Khaleel Alyahya** | **10:00 - 11:00am**  Direct acting cholinergic drugs  **(Pharmacology)**  **Prof. Al Haider** | **10:00 - 11:00am**  Embryology of the limbs  **( Anatomy)**  **Prof. Ahmed Fathalla** | **10:00 - 12:00pm**  **Practical**  Vessels & Nerves  of the upper limb  **(Anatomy)**  **All staff** |
| **11:00- 12:00nn**  Pectoral region and axilla  **( Anatomy)**  **Prof. Saeed Abuelmakarem** | **11:00- 12:00nn**  Aerobic and anaerobic metabolism in muscle  **( Biochemistry)**  **Dr. Usman Ghani** | **11:00 - 12:00nn**  Anatomy of the forearm  **( Anatomy)**  **Prof. Saeed Abuelmakarem** | **11:00- 12:00nn**  Radial and ulnar nerves  **( Anatomy)**  **Dr. Mohammad Vohra** |
| **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 - 2:00pm**  **Self – directed**  **Learning** | **1:00 -2:00pm**  **Self – directed**  **Learning** | **1:00 - 3:00pm**  **Practical**  Muscles and bones of the upper limb  **( Anatomy & Radiology)**  **All staff** | **1:00 - 2:00pm**  Creatine metabolism  **( Biochemistry)**  **Dr. Amr Moustafa** | **1:00 -2:00pm**  **Self – directed**  **Learning** |
| **2:00- 3:00pm**  **Self – directed**  **Learning** | **2:00- 3:00pm**  **Self – directed**  **Learning** | **2:00- 3:00pm**  **Self – directed**  **Learning** | **2:00- 3:00pm**  **Self – directed**  **Learning** |

**LECTURE HALL -2**

**NEW BUILDING LEVEL 2**

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| **WEEK 4 – MUSCULOSKELETAL BLOCK (Male-B)** | | | | |
| **Week (4) Starting: 22/12/2013 (19 /02 /1435H)**  **LOWER LIMBS** | | | | |
| **CHAIR PERSON: Dr. Ahmad Bin Nasser** | | | | |
| **CO-CHAIR: Dr. Hisham Al Khalidi** | | | | |
| **Sunday**  **22 December 2013** | **Monday**  **23 December 2013** | **Tuesday**  **24 December 2013** | **Wednesday**  **25 December 2013** | **Thursday**  **26 December 2013** |
| **8:00 -10:00 am**  **MIDBLOCK**  **EXAM** | **8:00 - 9:00am**  **Self-directed**  **Learning** | **8:00 - 9:00am**  Vascular anatomy of the lower limb  **(Anatomy)**  **Dr. Essam Salama** | **8:00 - 9:00am**  Drugs in gout  **(Pharmacology)**  **Dr. Osama Yousif** | **8:00 - 10:00am**  **Practical**  **Pathology**  **Dr. Marie Mukhashin/**  **Prof. Ammar Al-Rikabi** |
| **9:00 - 10:00am**  **Self-directed**  **Learning** | **9:00 - 10:00am**  **Salam** | **9:00 - 10:00am**  Purine degradation and gout  **(Biochemistry)**  **Dr. Usman Ghani** |
| **10:00 - 11:00am**  **Self-directed**  **Learning** | **10:00 - 11:00am**  Non-infectious arthritis  **(Pathology)**  **Prof Ammar Al-Rikabi** | **10:00 - 11:00am**  Osteomyelitis and septic arthritis  **(Pathology)**  **Prof. Ammar Al-Rikabi** | **10:00 - 11:00am**  Sciatic nerve  **(Anatomy)**  **Prof. Saeed Abuelmakarem** | **10:00 - 11:00am**  Laboratory and clinical aspects of cellulitis and necrotizing fasciitis  **(Microbiology)**  **Dr. Ali Somily** |
| **11:00- 12:00nn**  **Self-directed**  **Learning** | **11:00- 12:00nn**  Gluteal region and back of the thigh  **( Anatomy)**  **Prof. Saeed Abuelmakarem** | **11:00- 12:00nn**  Disease modifying anti-rheumatic drugs  **(Pharmacology)**  **Dr. Osama Yousif** | **11:00- 12:00nn**  **Self-directed**  **Learning** | **11:00- 12:00nn**  **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 - 2:00pm**  **Self-directed**  **Learning** | **1:00 -3:00pm**  History taking and IM injection  **(Introduction of the clinical medicine)**  **“B1”** | **1:00 -3:00pm**  History taking and IM injection  **(Introduction of the clinical medicine)**  **“B2”** | **1:00 - 3:00pm**  **Practical**  Muscle & bones of the lower limbs  **(Anatomy &**  **Radiology)**  **All staff** | **1:00 - 3:00pm**    **Salam** |
| **2:00- 3:00pm**  **Self-directed**  **Learning** |

**LECTURE HALL -2**

**NEW BUILDING LEVEL 2**

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| **WEEK 5 – MUSCULOSKELETAL BLOCK (Male-B)** | | | | |
| **Week (5) Starting: 29 /12 /2013 (26 /02/1435H)**  **JOINTS** | | | | |
| **CHAIR PERSON: Dr. Ahmad Bin Nasser** | | | | |
| **CO-CHAIR: Dr. Hisham Al Khalidi** | | | | |
| **Sunday**  **29 December 2013** | **Monday**  **30 December 2013** | **Tuesday**  **31 December 2013** | **Wednesday**  **01 January 2014** | **Thursday**  **02 January 2014** |
| **8:00 - 10:00am**  Problem-based  Learning  Case 3 Tutorial 1 | **SALAM EXAMINATION** | **8:00 - 10:00am**  **Practical**  Vessels & Nerves  of the lower limb  **(Anatomy)**  **All staff** | **8:00 - 10:00am**  Problem-based  Learning  Case 3 Tutorial 2 | **8:00 - 10:00am**  **SALAM**  **(FINALS)** |
| **10:00 - 11:00am**  Anatomy of the shoulder  **( Anatomy)**  **Prof. Ahmed Fathalla** | **10:00 - 11:00am**  Frontal lateral compartment of the leg and dorsum foot  **( Anatomy)**  **Dr. Mohammad Vohra** | **10:00 - 11:00am**  Autoimmune Disease  **(Immunology)**  **Prof. Zahid Shakoor** | **10:00 - 11:00am**  Microbiology  of joints and bone infection  **(Microbiology)**  **Prof. Kambal** |
| **11:00- 12:00nn**  **Self-directed**  **Learning** | **11:00- 12:00nn**  Popliteal fossa, back of the leg and sole of the foot  **( Anatomy)**  **Dr. Mohammad Vohra** | **11:00- 12:00nn**  **Introduction to**  Surface anatomy of the upper & lower limbs  **(Anatomy)**  **Prof. Saeed Abuelmakarem** | **11:00- 12:00nn**  Frontal medial thigh  **(Anatomy)**  **Prof. Ahmed Fathalla** |
| **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 - 2:00pm**  Tips on answering examination questions  **Prof. Samy Azer** | **1:00 - 2:00pm**  Myocytoma  **(Microbiology)**  **Dr. Ahmad Al Barrag** | **1:00 - 2:00pm**  Hip, knee joints  & ankle joints  **(Anatomy)**  **Prof. Ahmed Fathalla** | **1:00 - 2:00pm**  **Self-directed**  **Learning** | **1:00 - 2:00pm**  Surface anatomy of the upper & lower limbs  Group B1  **(Anatomy & Clinical**  **skills )** |
| **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** | **2:00- 3:00pm**  Surface anatomy of the upper & lower limbs  Group B2  **(Anatomy & Clinical skills )** |

**LECTURE HALL -2**

**NEW BUILDING LEVEL 2**

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| **WEEK 6 – MUSCULOSKELETAL BLOCK (Male-B)** | | | | |
| **Week (6) Starting: 05/01/2014 (04/03/1435H)**  **CONSOLIDATION** | | | | |
| **CHAIR PERSON: Dr. Ahmad Bin Nasser** | | | | |
| **CO-CHAIR: Dr. Hisham Al Khalidi** | | | | |
| **Sunday**  **05 January 2014** | **Monday**  **06 January 2014** | **Tuesday**  **07 January 2014** | **Wednesday**  **08 January 2014** | **Thursday**  **09 January 2014** |
| **8:00 - 9:00am** | **8:00-9:00am** | **8:00 - 9:00am** | **8:00 - 9:00am** | **8:00 - 9:00am** |
| **9:00 - 10:00am** | **9:00 - 10:00am** | **9:00 - 10:00am** | **9:00 - 10:00am** | **9:00 - 10:00am** |
| **10:00 - 11:00am** | **10:00 - 11:00am** | **10:00 - 11:00am** | **10:00 - 11:00am** | **10:00 - 11:00am** |
| **11:00- 12:00nn** | **11:00- 12:00nn** | **11:00 - 12:00nn** | **11:00- 12:00nn** | **11:00- 12:00nn** |
| **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 - 2:00pm** | **1:00 -2:00pm** | **1:00 - 2:00pm** | **1:00 - 2:00pm** | **1:00 - 2:00pm** |
| **2:00- 3:00pm** | **2:00- 3:00pm** | **2:00- 3:00pm** | **2:00- 3:00pm** | **2:00- 3:00pm** |

**LECTURE HALL -2**

**NEW BUILDING LEVEL 2**