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| **WEEK 1 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week ( 1 ) Starting: 05/02/2017 to 09/02/2017 (08/05/1438) to (12/05/1438)**  **Normal Breathing and Respiratory Function** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **CO-CHAIR: Dr. Sami Al-Nassar** | | | | |
| **Sunday**  **05 February 2017** | **Monday**  **06 February 2017** | **Tuesday**  **07 February 2017** | **Wednesday**  **08 February 2017** | **Thursday**  **09 February 2017** |
| **8:00 -9:00am**  Introduction to the Respiratory Block  **Prof. Ali Somily** | **8:00-10:00am**  **(Practical)**  Muscles involved in normal respiration  **(Anatomy/Prof. Ahmed Fathala)** | **8:00 - 9:00am**  Lung function in health and disease  **(Physiology)**  **Prof. Sultan Meo** | **8:00 – 9:00am**  Globular proteins  **(Biochemistry)**  **Dr. Ahmed Mujamammi** | **8:00 – 9:00am**  **Self – directed learning** |
| **9:00 - 10:00am**  Functional organization of the respiratory system  **(Physiology)**  **Dr. Abdulrahman Alhowikan** | **9:00 - 10:00am**  Embryology of the Respiratory System  **(Anatomy)**  **Dr. Mohammed Vohra** | **9:00 - 10:00am**  Histology of the lung and bronchial tree  **(Histology)**  **Dr. Aly Mohamed** | **9:00 - 11:00am**    **(Practical)**  Lung volumes and capacity  **(Physiology)** |
| **10:00 - 11:00am**  Muscles involved in normal respiration  **(Anatomy)**  **Prof. Ahmed Fathalla** | **10:00 - 11:00am**  Anatomy of larynx, trachea & bronchi  **(Anatomy)**  **Prof. Saeed Abuelmakarem** | **10:00 - 11:00am**  Anatomy of lungs and pleura  **(Anatomy)**  **Prof. Saeed Abuelmakarem** | **10:00 - 12:00nn**  **(Practical)**  Anatomy and histology of lung and pleura  **(Anatomy/Prof. Ahmed Fathala & Histology)** |
| **11:00- 12:00nn**  Anatomy and histology of the nasal cavity & pharynx  **(Anatomy)**  **Dr. Essam Salama**  **Dr. Aly Mohamed** | **11:00- 12:00nn**  Mechanics of the breathing  **(Physiology)**  **Dr. Abdulrahman Alhowikan** | **11:00 - 12:00nn**  Anti-cholinergic drugs  **(Pharmacology)**  **Dr. Osama Yousef** | **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**  Measuring peak expiratory flow in a normal subject  **Clinical Skills**  **(A1)** | **1:00 -2:00pm**  Respiratory ventilation  **(Physiology)**  **Prof. Sultan Meo** | **1:00 - 3:00pm**  **(Practical)**  Anatomy & Histology of upper respiratory tract  **(Anatomy/Prof. Ahmed Fathala & Histology)** | **1:00-2:00pm**  Effects of exercise on the respiratory system  **(Physiology)**  **Dr. Abdulrahman Alhowaikan** | **1:00 - 3:00pm**  **Salam** |
| **2:00-3:00pm**  Measuring peak expiratory flow in a normal subject  **Clinical Skills**  **(A2)** | **2:00-3:00pm**  **Self – directed learning** | **2:00-3:00pm**  **Self – directed learning** |

**LECTURE THEATER A**

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| **WEEK 2 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week (2 ) Starting: 12/02/2017 to 16/02/2017 (15/05/1438) to (19/05/1438)**  **Bronchial Asthma and Allergy** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **CO-CHAIR: Dr. Sami Al-Nassar** | | | | |
| **Sunday**  **12 February 2017** | **Monday**  **13 February 2017** | **Tuesday**  **14 February 2017** | **Wednesday**  **15 February 2017** | **Thursday**  **16 February 2017** |
| **8:00 - 10:00am**  **Problem-based**  **Learning**  **Case 1 Tutorial 1** | **8:00-9:00am**  Control of breathing  **(Physiology)**  **Dr. Abdulrahman Alhowikan** | **8:00 - 9:00am**  Treatment of acute and chronic rhinitis and cough  **(Pharmacology)**  **Dr. Saeed Ahmed** | **8:00 -10:00am**  **Problem-based**  **Learning**  **Case 1 Tutorial 2** | **8:00 - 9:00am**  Drugs used in anaphylaxis  **(Pharmacology)**  **Dr. Ishfaq Bukhari** |
| **9:00 - 10:00am**  Hypoxia and cyanosis  **(Physiology)**  **Prof. Sultan Meo** | **9:00 - 10:00am**  Pathology of bronchial asthma  **(Pathology)**  **Prof. Ammar Al Rikabi** | **9:00 - 10:00am**  Low and high altitude  **(Physiology)**  **Dr. Abdulrahman Alhowaikan** |
| **10:00 - 11:00am**  Oxygen-carbondioxide transport  **(Physiology)**  **Prof. Sultan Meo** | **10:00- 11:00am**  **Self- Directed**  **Learning** | **10:00 - 11:00am**  **Self- Directed**  **Learning** | **10:00- 11:00am**  **Self- Directed**  **Learning** | **10:00 - 11:00am**  Adrenergic agonist  **(Pharmacology)**  **Dr. Ishfaq Bukhari** |
| **11:00- 12:00nn**  Gas exchange and gas transfer  **(Physiology)**  **Prof. Sultan Meo** | **11:00- 12:00nn**  Immunology of bronchial asthma  **(Immunology)**  **Prof. Adel Almogren** | **11:00- 12:00nn**  Pharmacology of drugs used in bronchial asthma  **(Pharmacology)**  **Dr. Ishfaq Bukhari** | **11:00- 12:00nn**  Phospholipids of clinical significance    **(Biochemistry)**  **Dr. Usman Ghani** | **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**  Taking a medical history related to respiratory signs and symptoms  **Clinical Skills**  **(A1)** | **1:00 -2:00pm**  Radiological anatomy of the chest  **(Anatomy)**  **Prof. Saeed Abuelmakarem** | **1:00 - 3:00pm**  **(Practical)**  Dynamic spirometry  **(Physiology)** | **1:00 -2:00pm**  **Self- Directed**  **Learning** | **1:00 - 3:00pm**  **Salam** |
| **2:00-3:00pm**  Taking a medical history related to respiratory signs and symptoms  **Clinical Skills**  **(A1)** | **2:00-3:00pm**  **Self- Directed**  **Learning** | **2:00-3:00pm**  **Self- Directed**  **Learning** |

**LECTURE THEATER A**

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| **WEEK 3 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week (3 ) Starting: 19/02/2017 to 23/02/2017 (22/05/1438) to (26/05/1438)**  **Chronic Obstructive Pulmonary Diseases and Respiratory Infections** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **CO-CHAIR: Dr. Sami Al-Nassar** | | | | |
| **Sunday**  **19 February 2017** | **Monday**  **20 February 2017** | **Tuesday**  **21 February 2017** | **Wednesday \***  **22 February 2017** | **Thursday**  **23 February 2017** |
| **8:00 - 10:00am**  **Problem-based**  **Learning \*\***  **Case 2 Tutorial 1** | **8:00 - 9:00am**  Pharmacology of drugs used in COPD  **(Pharmacology)**  **Dr. Ishfaq Bukhari** | **8:00 - 9:00am**  **Tuberculosis**  **(Microbiology)**  **Prof. Ali Somily** | **Progress Test** | **8:00 - 9:00am**  Bacteria causing upper respiratory tract infection  **(Microbiology)**  **Prof. Ali Somily** |
| **9:00 - 10:00am**  Mediastinium  **(Anatomy)**  **Prof. Ahmed Fathalla** | **9:00 - 10:00am**  Pathology of Tuberculosis  **(Pathology)**  **Prof. Ammar Al Rikabi** | **9:00 - 10:00am**  Tumours of the lung  **(Pathology)**  **Prof. Ammar Al Rikabi** |
| **10:00 - 11:00 am**  Introduction to COPD including bronchiectasis, chronic bronchitis & emphysema.  **(Pathology)**  **Prof. Ammar Al Rikabi** | **10:00 - 12:00nn**  **Practical**  Mediastinium  **(Anatomy)**  **Prof. Ahmed Fathalla**  **All staff** | **10:00 - 11:00am**  Pharmacology of drugs used in tuberculosis  **(Pharmacology)**  **Dr. Ishfaq Bukhari** | **10:00 - 12:00nn**  **(Practical)**  Cancer of the lung  **(Pathology)**  **Prof. Ammar Al Rikabi** |
| **11:00- 12:00nn**  Respiratory Chain  **(Biochemistry)**  **Dr. Usman Ghani** | **11:00- 12:00nn**  Immunology of T.B  **(Immunology)**  **Prof. Zahid Shakoor** |
| **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**  Examination of the respiratory system and mucus membrane for cyanosis  **Clinical Skills**  **(A1)** | **1:00- 2:00pm**  Pathology of restrictive lung disease including allergic alveolitis  **(Pathology)**  **Prof. Ammar Al Rikabi** | **1:00 - 3:00pm**  **( Practical)**  Chronic obstructive lung disease  **(Pathology)**  **Prof. Ammar Al Rikabi** | **1:00- 2:00pm**  **Self- Directed**  **Learning** | **1:00 - 3:00pm**  **Salam** |
| **2:00-3:00pm**  Examination of the respiratory system and mucus membrane for cyanosis  **Clinical Skills**  **(A2)** | **2:00-3:00pm**  Tobacco consumption, problems and solutions  **(Family Medicine)**  **Dr. Ali AlHazmi** | **2:00-3:00pm**  **Self- Directed**  **Learning** |

**LECTURE THEATER A**

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**\* Wednesday 22 February 2017 students are released for a progress test**

**\*\* Tutorial 2 to the case 2 is moved to the 26th of February 2017 from 8:00 am to 10:00 am**

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| **WEEK 4 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week (4 ) Starting:: 26/02/2017 to 02/03/2017 (29/05/1438) to (03/06/1438)**  **Respiratory Infections** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **CO-CHAIR: Dr. Sami Al-Nassar** | | | | |
| **Sunday**  **26 February 2017** | **Monday**  **27 February 2017** | **Tuesday**  **28 February 2017** | **Wednesday**  **01 March 2017** | **Thursday**  **02 March 2017** |
| **8:00 - 10:00am**  **Problem-based**  **Learning**  **Case 2 Tutorial 2** | **8:00-9:00am**  Pathology of Lobar pneumonia& broncho pneumonia  **(Pathology)**  **Prof. Ammar Al Rikabi** | **8:00-9:00am**  **Self- Directed**  **Learning** | **Consolidation** | **Consolidation** |
| **9:00 - 10:00am**  **Self- Directed**  **Learning** | **9:00 - 10:00am**  Respiratory fungal infection  **(Microbiology)**  **Dr. Ahmed Al Barrag** |
| **10:00 - 11:00am**  Community acquired pneumonia  **(Microbiology)**  **Prof. Ali Somily** | **10:00 - 11:00am**  Antibiotics  **(Pharmacology)**  **Prof. Mohammad Al Humayyd** | **10:00 - 11:00am**  Treatment of Respiratory tract infection  **(Pharmacology)**  **Prof. Mohammad Al Humayyd** |
| **11:00 - 12:00nn**  Viruses causing respiratory (1)    **(Microbiology)**  **Dr. Abdulkareem Al Hetheel** | **11:00- 12:00nn**  Viruses causing respiratory (2)  **(Microbiology)**  **Dr. Abdulkareem Al Hetheel** | **11:00- 12:00nn**  Hospital acquired pneumonia  **(Microbiology)**  **Prof. Ali Somily** |
| **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** | **Lunch**  **12:00 – 1:00pm** |
| **1:00-3:00pm**  **Practical**  Bacteriological diagnosis of respiratory infection  **(Microbiology)**  **Prof.. Ali Somily** | **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** |

**LECTURE THEATER A**

**Room No.2141, Level 2**