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| **WEEK 1 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week ( 1 ) Starting: 31/12/2017 to 04/01/2018**  **Normal Breathing and Respiratory Function** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **Sunday**  **31 December 2017** | **Monday**  **01 January 2018** | **Tuesday**  **02 January 2018** | **Wednesday**  **03 January 2018** | **Thursday**  **04 January 2018** |
| **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  HALL 1,**

**OUTPATIENT BUILDING**

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| **WEEK 2 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week (2 ) Starting: 07/01/2018 to 11/01/2018**  **Bronchial Asthma and Allergy** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **Sunday**  **07 January 2018** | **Monday**  **08 January 2018** | **Tuesday**  **09 January 2018** | **Wednesday**  **10 January 2018** | **Thursday**  **11 January 2018** |
| **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  HALL 1,**

**OUTPATIENT BUILDING**

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| **WEEK 3 – RESPIRATORY BLOCK (Male A)** | | | | |
| **Week (3 ) Starting: 14/01/2018 to 18/01/2018** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **Sunday**  **14 January 2018** | **Monday**  **15 January 2018** | **Tuesday**  **16 January 2018** | **Wednesday**  **17 January 2018** | **Thursday**  **18 January 2018** |
| **Midyear**  **Vacation** | | | | |

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| **WEEK 4 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week (4 ) Starting: 21/01/2018 to 25/01/2018**  **Chronic Obstructive Pulmonary Diseases and Respiratory Infections** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **Sunday**  **21 January 2018** | **Monday**  **22 January 2018** | **Tuesday**  **23 January 2018** | **Wednesday**  **24 January 2018** | **Thursday**  **25 January 2018** |
| **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** | **8:00-10:00am**    **Problem-based**  **Learning**  **Case 2 Tutorial 2** | **8:00 - 9:00am** |
| **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 - 11:00am**  **Self- Directed**  **Learning** | **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** | **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- 2:00pm**  Examination of the respiratory system and mucus membrane for cyanosis  **Clinical Skills**  **(A1)** | **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**  Examination of the respiratory system and mucus membrane for cyanosis  **Clinical Skills**  **(A2)** | **2:00-3:00pm**  **Self- Directed**  **Learning** | **2:00-3:00pm**  **Self- Directed**  **Learning** | **2:00-3:00pm**  **Self- Directed**  **Learning** |

**LECTURE  HALL 1,**

**OUTPATIENT BUILDING**

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| **WEEK 5 – RESPIRATORY BLOCK ( Male – A )** | | | | |
| **Week (5 ) Starting:: 28/01/2018 to 01/02/2018**  **Respiratory Infections** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **Sunday**  **28 January 2018** | **Monday**  **29 January 2018** | **Tuesday**  **30 January 2018** | **Wednesday**  **31 January 2018** | **Thursday**  **01 February 2018** |
| **8:00 - 9:00am**  **Self- Directed**  **Learning** | **8:00-9:00am**    **Self- Directed**  **Learning** | **8:00-9:00am**  **Self- Directed**  **Learning** | **8:00 - 9:00am**  **Self- Directed**  **Learning** | **8:00 - 9:00am**  Pathology of restrictive lung disease including allergic alveolitis  **(Pathology)**  **Prof. Ammar Al Rikabi** |
| **9:00-10:00am**  Community acquired pneumonia  **(Microbiology)**  **Dr. Khalifa Bin Khamis** | **9:00 - 10:00am**  Bacteria causing upper respiratory tract infection  **(Microbiology)**  **Dr. Khalifa Bin Khamis** | **9:00 - 10:00am**  Respiratory fungal infection  **(Microbiology)**  **Dr. Ahmed Al Barrag** | **9:00-10:00am**  Tobacco consumption, problems and solutions  **(Family Medicine)**  **Dr. Ali AlHazmi** | **9:00-11:00am**  **( Practical)**  Chronic obstructive lung disease  **(Pathology)**  **Prof. Ammar Al Rikabi** |
| **10:00 - 11:00am**  Hospital acquired pneumonia  **(Microbiology)**  **Prof. Ali Somily** | **10:00 - 11:00am**  **Practical**  Bacteriological diagnosis of respiratory infection  **(Microbiology)**  **Prof.. Ali Somily & Dr. Khalifa Bin Khamis** | **10:00 - 11:00am**  Treatment of Respiratory tract infection  **(Pharmacology)**  **Prof. Mohammad Al Humayyd** | **10:00 - 11:00am**  Antibiotics  **(Pharmacology)**  **Prof. Mohammad Al Humayyd** |
| **11:00 - 12:00nn**  Pathology of Lobar pneumonia& broncho pneumonia  **(Pathology)**  **Prof. Ammar Al Rikabi** | **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**  **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 1,**

**OUTPATIENT BUILDING**

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| **WEEK 6 – RESPIRATORY BLOCK (Male A)** | | | | |
| **Week (6 ) Starting:: 04/02/2018 to 08/02/2018**  **Consolidation** | | | | |
| **CHAIR PERSON: Dr. Malak El-Hazmi** | | | | |
| **Sunday**  **04 February 2018** | **Monday**  **05 February 2018** | **Tuesday**  **06 February 2018** | **Wednesday**  **07 February 2018** | **Thursday**  **08 February 2018** |
| **Consolidation** | **Consolidation** | **Consolidation** | **Consolidation** | **Consolidation** |

**Week 6: Examination week from 11 February 2018 to 15 February 2018.**