**Rheumatology**

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| **Day** |  **Topic** | **Mode of Delivery** | **Assessment Tools** | **Learning Outcomes** |
| Friday  | Osteoarthritis  | Power Point Presentation | SEQ,MCQ | For all topics:Topic definition,etiology,risk factors,pathogenesis,symptoms,signs,investigations,management(with mode of action and adverse effect of medicines),prognosis,Clinical advances. |
| Friday  | Rheumatoid Arthritis and Related Arthopathies  | Power Point Presentation | SEQ,MCQ |
| Friday  | SLE  | Power Point Presentation | SEQ,MCQ |
| Friday  | Scleroderma | Power Point Presentation | SEQ,MCQ |
| Friday  | Ankylosing Spondylitis  | Power Point Presentation | SEQ,MCQ |
| Friday  | Polymyositis Dermatomyositis  | Power Point Presentation | SEQ,MCQ |
| Friday  | Osteoporosis  | Power Point Presentation | SEQ,MCQ |
| Friday  | Vasculitis  | Power Point Presentation | SEQ,MCQ |
| Friday  | Multiple Myeloma  | Power Point Presentation | SEQ,MCQ |

 **Topics for Final Year MBBS SMC Sargodha**

**Pulmonolgy**

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| **Day**  | **Topic** | **Mode of Delivery** | **Assessment Tools** | **Learning Outcomes** |
| Friday  | Asthma | Power Point Presentation | SEQ,MCQ | For all topics:Topic definition,etiology,risk factors,pathogenesis,symptoms,signs,investigations,management(with mode of action and adverse effect of medicines),prognosis,Clinical advances. |
| Friday | 1. COAD
2. Chr. Bronchitus
3. Emphysema
 | Power Point Presentation | SEQ,MCQ |
| Friday | 1. Pneumonia
2. CAP
3. Nosocomial
4. Bronchopneumonia
 | Power Point Presentation | SEQ,MCQ |
| Friday | Interstitial lung disease | Power Point Presentation | SEQ,MCQ |
| Friday | Bronchiectasis  | **Power Point Presentation** | SEQ,MCQ |
| Friday | 1. Pleural effusion,
2. empyema,
3. Pneumothorax
 | **Power Point Presentation** | SEQ,MCQ |

**Topics for Final Year MBBS SMC Sargodha**

**KIDNEY, URINARY SYSTEM, FLUID AND ELECTROLYTES**

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| **Day** | **Topic** | **Mode of Delivery** | **Assessment Tools** | **Learning Outcomes** |
| Friday  | Acute renal failure | Power Point Presentation | SEQ,MCQ | For all topics:Topic definition,etiology,risk factors,pathogenesis,symptoms,signs,investigations,management(with mode of action and adverse effect of medicines),prognosis,Clinical advances. |
| Friday  | Chronic renal failure  | Power Point Presentation | SEQ,MCQ |
| Friday  | Nephritic syndrome | Power Point Presentation | SEQ,MCQ |
| Friday  | Nephrotic syndrome | Power Point Presentation | SEQ,MCQ |
| Friday  | Urinary tract infection Infections of kidneysInfections of lower urinary tract  | Power Point Presentation | SEQ,MCQ |
| Friday  | Inflammatory lesions of kidneys Introduction to dialysis & renal transplant | Power Point Presentation | SEQ,MCQ |
| Friday  | Drugs causing renal disease (brief)Analgesic Nephropathy lead , uric acid ,hypocalcaemia, radiation hypersensitivityNephropathyDrugs contra conduction in renal insuficiencyDrugs to the used with caution renal disease  | Power Point Presentation | SEQ,MCQ |
| Friday  | Polycystic kidney diseaseRenal vascular disorders Renal artery stenosisRenal vain thrombosis | Power Point Presentation |  |
| Friday  | Hemolytic uremice syndrome Tumors of kidney  | Power Point Presentation | SEQ, |