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| . Course Structure | | | | | | | | | | |
| Assessment Method | | Teaching  Method | Unit/Module or Topic Title | | ILOs | | | Hours | | Week |
| Written exam | | Lecture | **Approach to back and Neck pains** | | Demonstrate knowledge of the basic anatomy of the back, neck and joints. Apply the knowledge of the physiological basis of degenerative and inflammatory diseases in the assessment of patient complaints  List the causes if back pain, be aware of the red flags of back pain, be familiar with the management plan of back pain both simple and life threatening, recognize mimickers in clinical and imaging studies. | | | 1 | | 1 |
| Written exam | | Lecture | Rheumatoid Arthritis | | Know the basic etiology andpathophysiologyy of Rheumatoid arthritis, Recognize the patterns and clinical presentations of RA, know the extent of extra articular manifestations of RA, understand the main laboratory findings in patients with RA, | | | 1 | | 2 |
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| Written exam | | Lecture | Rheumatoid Arthritis | | Know the differential diagnosis of RA, construct treatment plan for RA patients including a step wise approach, know the n main drugs (DMARD, and their major contraindications and side effects, understand the complications of RA and the leading causes of death. | | | 1 | | 3 |
| Written exam | | Lecture | Connective tissue disease part 1 | | Recognize The many types of CTD,  understand the basic etiology and pathophysiology of different presentations of SLE  know the basic autoimmunity in SLE  know the types of Lupus and the Classification criterias | | | 1 | | 4 |
| Written exam | | Lecture | CTD part 1: SLE | | Know the many presentation of Lupus: mild and severe ,Lupus nephritis pathology and lupus cerebritis, recognize and recall the possible DDX of Lupus complaints, and treatment of the different presentations of lupus and discuss the disease course and complications | | | 1 | | 5 |
| Written exam | | Lecture | CTD part 2 | | Know the types of CTD: Scleroderma, Autoimmune myopathies, Sjogrens syndrome, Overlap syndromes and Mixed CTD, their basic aetiologies and clinical charachr=taristics, main presentationapresentationas and leading serological markers as well as treatment plans for each disease and the possible life threatening presentation of each | | | 1 | | 6 |
| Written exam | | Lecture | **Vasculitidies** | | Know the classification of Vessels, classification of vasculitideis, clues to vasculitides, different patterns of presentations, diagnstic appraches and treatment strategies for large, medium and small vessel vasculitidies, and recognize the greater mimickers and how to spot them | | | 1 | | 7 |
| Written exam | | Lecture | **vasculitidies** | | Present clinical scenarios of different presentations of vasculitidies and how to approach them | | | 1 | | 8 |
| Written exam | | Lecture | **Seronegative Spondylopathies** | | Know the types of SPA, basic etiologies of the types, common clinical features of all SPA, specific types of SPA and their characteristics, differential diagnosis, diagnostic approach and basic therapeutic targets and drugs as well as the main complications of the diseases. | | | 1 | | 9 |
|  | |  | **Crystal associated disease** | | Know the types of Crystals, the pathophysiology and causes of crystal formations, the clinical presentations of the types of crystals, how to diagnose them, how to exclude infection and how to treat and the therapeutic targets. | | | 1 | | 10 |
| Written exam | | Lecture | Osteoarthritis | | Demonstrate the basic etiology and pathophysiology of OA, the many types and clinical presentations of OA, the fate of the joints, Diagnosis dDx, and therapeutic options including the controversial supplement, injections and surgeries in the types of OA of joints | | | 1 | | 11 |
| Written exam | | Lecture | **Metabolic Bone diseases** | | Know the etiology and pathophysiology of the main types of MBD, their clinical types, presentations, clinical manifestations, ddx, diagnostic methods and preventive /therapeutic options | | | 1 | | 12 |
| Written exam | | Lecture | Rehabilitation | | Know the basics of Rehabilitation medicine, the types of rehabilitation, the types of the physical modalities and exsercizes, their indications and contraindications. | | | 1 | | 13 |
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| 1. Davidson’s Principles and Practice of Medicine  2. Bailey and Love’s textbook of surgery  3. Harrison’s Principles of Internal Medicine | Required reading:  · CORE TEXTS  · COURSE MATERIALS  · OTHER |
| none | Special requirements (include for example workshops, periodicals, IT software, websites) |
|  | Community-based facilities  (include for example, guest  Lectures , internship , field studies) |