

Course Title	Rheumatology & Dermatology/ Plastic Surgery						
Course Code	MED-505						
Course Type	Required						
Level	Undergraduate						
Year / Semester	Year 5/ Semester 9 (Fall)						
Teacher's Name	Course Leads: Dr Elpida Mina Prof Georgia Koulermou						
ECTS	6	Lectures / week	4	Laboratories / week	0	Clinical Practice	36
Course Purpose and Objectives	<p>The main objectives of the last two years of the six year medical programme are to provide students with extensive experience in the clinical environment, mainly in hospitals but also in the community, so that they can utilise their learning over the previous four years to practise their clinical, communication, diagnostic and reasoning skills on real patients, and to learn about the management of patients, from a medical, therapeutic, surgical, psychosocial and caring perspective.</p> <p>In this course, students will spend four weeks working primarily with patients with musculoskeletal and skin disorders. They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical, including plastic surgery, as appropriate) and management plan for common musculoskeletal and skin disorders.</p> <p>The students will learn how to take detailed histories from, carry out systematic clinical examination of, and interpret laboratory and imaging data on patients with disorders of the musculoskeletal and integumentary systems. The students will gain a basic understanding of the application and type of information to be obtained from different methods for investigating musculoskeletal and skin disorders. They will also spend time in theatre observing musculoskeletal and dermatological operations and plastic surgery.</p>						
Learning Outcomes	<p>After the completion of the course the students should be able to:</p> <ol style="list-style-type: none"> 1. Take a history from a patient, or relative of a patient, presenting with a musculoskeletal or skin disorder, in a sensitive and caring manner 2. Carry out a sensitive physical examination as part of investigation of the presenting complaint 3. Come up with a differential diagnosis for the presenting complaint 4. Identify appropriate investigations, including blood and urine tests, nerve conduction tests and imaging, to assist in the diagnosis of the presenting complaint and to interpret the results from such tests 						

	<p>5. Prepare a treatment management plan for the patient to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate</p> <p>6. Observe, and where appropriate carry out or assist with, the following procedures: joint aspiration, X-rays, dual-energy x-ray absorptiometry (DEXA scan), CT and MRI scans, bone scans, electromyography, muscle biopsy skin biopsy, patch testing, arthroscopy, skin grafts, surgical management of burns and leg ulcers, and other surgical procedures, planned and opportunistic (Orthopaedics is covered in MED 604).</p>		
Prerequisites	None	Required	None
Course Content	<ul style="list-style-type: none"> • Osteoarthritis • Rheumatoid arthritis (RA) • Systemic lupus erythematosus (SLE) • Sjögren's Syndrome • Polymyositis (PM) and dermatomyositis(DM) • Raynaud's phenomenon • Systemic sclerosis (Scleroderma) • Spondyloarthropathy (SpA) • Septic arthritis/osteomyelitis • Crystal Arthritis • Polymyalgia rheumatica (PMR) and Giant cell arteritis (GCA) • Metabolic bone disease • Childhood arthritis • Vasculitic syndromes • Bone tumours • Inheritable disorders of connective tissue • Principles of fracture management • Fractures in the elderly • Joint injuries • Upper limb disorders • Foot disorders • Spinal disorders and back pain • Skin Infections • Eczema • Psoriasis • Cutaneous manifestations of generalised disease • Drug reactions and allergies 		

	<ul style="list-style-type: none"> • Dermatological malignancies • Leg ulcers • Skin grafts and flaps • Principles of burn management • Wound healing • Scars & abnormal scarring 																									
Teaching Methodology	The course is delivered by clinical placements, lectures, tutorials, case studies and group discussions.																									
Bibliography	<p>Required Textbooks/Reading:</p> <table border="1"> <thead> <tr> <th>Authors</th> <th>Title</th> <th>Publisher</th> <th>Year</th> <th>ISBN</th> </tr> </thead> <tbody> <tr> <td>Adebajo, Ade (ed.)</td> <td>ABC of rheumatology</td> <td>Wiley-Blackwell</td> <td>2010</td> <td>9781405170680</td> </tr> <tr> <td>McGregor, Alan D</td> <td>Fundamental techniques of plastic surgery and their surgical applications</td> <td>Churchill Livingstone</td> <td>2000</td> <td>0443063729</td> </tr> </tbody> </table> <p>Recommended Textbooks/Reading:</p> <table border="1"> <thead> <tr> <th>Authors</th> <th>Title</th> <th>Publisher</th> <th>Year</th> <th>ISBN</th> </tr> </thead> <tbody> <tr> <td>Imboden, John B</td> <td>Current diagnosis & treatment in rheumatology</td> <td>McGraw-Hill Medical</td> <td>2013</td> <td>978002801</td> </tr> </tbody> </table>	Authors	Title	Publisher	Year	ISBN	Adebajo, Ade (ed.)	ABC of rheumatology	Wiley-Blackwell	2010	9781405170680	McGregor, Alan D	Fundamental techniques of plastic surgery and their surgical applications	Churchill Livingstone	2000	0443063729	Authors	Title	Publisher	Year	ISBN	Imboden, John B	Current diagnosis & treatment in rheumatology	McGraw-Hill Medical	2013	978002801
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Assessment	Final year exam and final year OSCE.																									
Language	English																									