

Module Title	Common Musculoskeletal Conditions in Primary Care				
Module Code	FMED-535				
Module Type	Required				
Level	2 nd Cycle				
Year / Semester	1 / 1				
Teacher's Name	Prof. Kevork Hopayian				
ECTS Credits	7.5	Lectures	27	Interactive learning activities	36
Module Purpose and Objectives	<p>The main objectives of the module are to:</p> <ul style="list-style-type: none"> • Enable students to effectively diagnose and manage presentations of Inflammatory arthritides: Seropositive, RA. • Enable students to effectively diagnose and manage presentations of Seronegative arthritits: Ank Spondylitis. • Enable students to effectively diagnose and manage presentations of Seronegative arthritis: Reactive arthritides. • Enable students to effectively diagnose and manage presentations of Crystal arthropathies such as gout, pyrophosphate arthropathy. • Enable students to effectively diagnose and manage presentations of Connective tissue disorders: SLE. • Enable students to effectively diagnose and manage presentations of Muscle disorders, PMR, Giant cell arteritis and TA, systemic effects. • Enable students to effectively diagnose and manage presentations of Seronegative arthritits: Psoriatic Arthritis. • Enable students to effectively diagnose and manage presentations of Muscular dystrophies and myasthenia gravis. • Enable students to effectively diagnose and manage presentations of Polymyositis and dermatomyositis, Fibromyalgia. • Enable students to effectively diagnose and manage presentations of Disorders of calcium homeostasis such as Rickets, Osteomalacia. • Introduce an overview of Rheumatic and CT disease in Primary Care. • Introduce Orthopaedics in Primary care. • Enable students to effectively diagnose and manage presentations of Cervical spinal disorders including cervical spondylosis, torticollis and 'whiplash' injuries and long term consequences. • Enable students to effectively diagnose and manage presentations of Spinal disorders including low back pain, sciatica and disc lesions. • Enable students to effectively diagnose and manage presentations of Infection including Septic Arthritis and osteomyelitis. • Enable students to effectively diagnose and manage presentations of Osteoarthritis including hip joint replacement surgery risks and complications. • Enable students to effectively diagnose and manage presentations of Hot swollen joints. • Enable students to effectively diagnose and manage presentations of Congenital/inherited diseases such as Marfan's syndrome, Hypermobility syndromes. 				

	<ul style="list-style-type: none"> • Enable students to effectively diagnose and manage presentations of Bone cancers including Ewings' and osteosarcoma and Paget's disease. • Enable students to effectively understand use to diagnose and to manage MSK Imaging: X-rays, CT and MRI scans, ultrasound. • Enable students to effectively diagnose and manage presentations Osteoarthritis including knee joint replacement surgery risks and complications. • Present an overview of management of orthopaedic conditions in Primary Care. • Introduce Osteoarthritis as a general approach. Enable students to effectively diagnose and manage presentations where there is uncertainty between Osteoarthritis and Rheumatic conditions. • Enable students to effectively diagnose and manage presentations Osteoporosis in Primary Care. • Enable students to effectively diagnose and manage presentations primary and secondary carpal tunnel syndrome and De Quervain's tendonitis. • Enable students to effectively diagnose and manage presentations and disorders such as trigger finger, Dupuytren's contracture. • Enable students to effectively diagnose and manage presentations involving the large joints: Shoulder, Knee and Elbow. • Enable students to effectively diagnose and manage presentations foot disorders: Pantar fasciitis, Achilles tendonitis, Ankle pain, Morton's Neuroma. • Provide a guidance to joint injections in Primary Care.
Learning Outcomes	<p>After completion of the module students are expected to be able to:</p> <ul style="list-style-type: none"> • Demonstrate deep understanding of how to effectively diagnose and manage presentations of <ul style="list-style-type: none"> - Inflammatory arthritides: Seropositive, RA - Seronegative arthritits: Ank Spondylitis - Seronegative arthritis: Reactive arthritides - Crystal arthropathies such as gout, pyrophosphate arthropathy - Connective tissue disorders: SLE - Muscle disorders, PMR, Giant cell arteritis and TA, systemic effects - Seronegative arthritits: Psoriatic Arthritis - Muscular dystrophies and myasthenia gravis - Polymyositis and dermatomyositis, Fibromyalgia - Disorders of calcium homeostasis such as Rickets, Osteomalacia • Understand and define Rheumatic & Connective Tissue disease in Primary Care. • Understand and define Orthopaedics in Primary care. • Demonstrate deep understanding of how to effectively diagnose and manage presentations of <ul style="list-style-type: none"> - Cervical spinal disorders including cervical spondylosis, torticollis and 'whiplash' injuries and long term consequences - Spinal disorders including low back pain, sciatica and disc lesions - Infection including Septic Arthritis and osteomyelitis - Osteoarthritis including hip joint replacement surgery risks and complications

	<ul style="list-style-type: none"> - Hot swollen joints - Congenital/inherited diseases such as Marfan's syndrome, Hypermobility syndromes - Bone cancers including Ewings' and osteosarcoma and Paget's disease • Understand and implement MSK Imaging: X-rays, CT and MRI scans, ultrasound. • Define Osteoarthritis including knee joint replacement surgery risks and complications. • Manage of orthopaedic conditions in Primary Care. • Define: <ul style="list-style-type: none"> - Osteoarthritis as a general approach - Osteoporosis – primary and secondary carpal tunnel syndrome and De Quervain's tendonitis - Hand disorders such as trigger finger, Dupuytren's contracture - Carpal tunnel, De Quervain's tendonitis - the large joints: Shoulder - the large joints: Knee - Foot disorders: Pantar fasciitis, Achilles tendonitis - Elbow epicondylitis • Understand and examine Ankle pain, Morton's Neuroma. • Understand and interpret joint injections in Primary Care. 		
Prerequisites	None	Required	None
Module Content	<ul style="list-style-type: none"> • Examination of Rheumatological or Connective tissue conditions • Examination of Orthopaedic conditions in Primary Care • Examination of Musculoskeletal conditions in Primary Care 		
Teaching Methodology	This programme is delivered via distance learning (online) and includes recorded lectures, interactive online tutorials (Webinars) and discussion forums, as well as online exercises and other activities.		
Bibliography	<p>Required / Recommended Textbooks / Reading:</p> <p>PowerPoint presentations with relevant references and articles will be provided each week. There is no pre-required or recommended bibliography.</p>		
Assessment	<ul style="list-style-type: none"> • WPBA Components <ul style="list-style-type: none"> - Formative CBD (CBD 2) - Formative CEPS (CEPS 2) - Summative CBD (CBD 5) - Summative CEPS (CEPS 4) • Exams <ul style="list-style-type: none"> - Formative AKT Exam - Summative AKT Exam 		
Language	English		