

Module Details	
Module Title	Musculoskeletal Disorders of the Lower Limb and Metabolic Bone Disease
Module Code	PSI7012-C
Academic Year	2023/4
Credits	30
School	The Ridge Medical Practice
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Tutorials	4
Lectures	6
Directed Study	110
Work based learning	180

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Full Year
BDA	University of Bradford / Academic Year (Non-Standard)

Module Aims
To acquire knowledge in musculoskeletal disorders of the lower limb and metabolic bone disease enabling the student to develop skills to work confidently as a general practitioner with a special interest in musculoskeletal medicine.

Outline Syllabus
Knowledge of the functional anatomy of the lower limb. History, examination and diagnosis of lower limb disorders. Use of other practitioners in treating lower limb disorders. Overview of the drug treatment of lower limb disorders. Performance of relevant injections. Overview of the pharmacological agents used in soft tissue musculoskeletal injections; Knowledge of common radiological tests. Assessment for and manufacture of suitable appliances and orthoses to treat lower limb biomechanical disorders. Bone densitometry, drug treatment and non pharmacological interventions in osteoporosis. History, examination, investigation and making a clinical diagnosis of Paget's disease, osteomalacia and osteoarthritis

Learning Outcomes	
Outcome Number	Description
01	1a Synthesise the evidence for the epidemiology and pathophysiology of musculoskeletal problems involving the lower limb, metabolic bone disease and osteoarthritis. 1b Differentiate between musculoskeletal problems involving the lower limb, metabolic bone disease and osteoarthritis.
02	2a Evaluate and manage in a biopsychosocial way a patient presenting with a musculoskeletal condition of the lower limb, metabolic bone disease or osteoarthritis. 2b Be able to perform common evidence based injections of the lower limb. 2c Gain a critical appreciation of the related role of allied health professionals and secondary care doctors in management of musculoskeletal disorders of the lower limb, metabolic bone disease or osteoarthritis 2d Practice evidence based medicine
03	3a Practise critical effective problem solving for clinical work. 3b Utilise effective team working skills. 3c Communicate effectively with the patient.

Learning, Teaching and Assessment Strategy
N/A

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Clinical Assessment	Verification of clinical competence and key technical skills together with completed learning diary - PASS/FAIL	0%
Summative	Coursework - Written	Written reflective case assessment One lower limb musculoskeletal case - 1500 WORDS	33%
Summative	Coursework - Written	Written reflective case assessment One metabolic bone disease or osteoarthritis case. 1500 WORDS	33%
Summative	Presentation	Oral presentation of lower limb musculoskeletal clinical case. 30 mins inc 10 mins Q&A	34%
Referral	Clinical Assessment	Supplementary assessment Ass 1: design new study plan of up to 8 clinical sessions to cover weak areas: mentor to sign	0%
Referral	Coursework - Written	Supplementary assessment: Assignment 2 as per original	33%
Referral	Coursework	Supplementary assessment: assignment 3 as per original	33%
Referral	Presentation	Supplementary assessment: Assignment 4 as per original	34%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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