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### MODULE DESCRIPTOR

#### Module Title

Management Of Pathology And Health

Reference	HS1125	Version	2
Created	May 2019	SCQF Level	SCQF 7
Approved	July 2018	SCQF Points	30
Amended	May 2019	ECTS Points	15

#### Aims of Module

To enable the student to safely plan and implement basic physiotherapy treatments. To enable the student to apply physiological principles and mechanisms to common pathologies and discuss the impact this has on the patients function.

#### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Safely and effectively perform core therapeutic interventions.
- 2 Safely and effectively deliver patient education and advice.
- 3 Demonstrate an awareness of the role of the physiotherapist in the management of common conditions and identify the other healthcare professionals involved in the management of the patient.
- 4 Describe the signs and symptoms of common conditions encountered by physiotherapists and relate these to pathological process

#### Indicative Module Content

Pathologies Osteoarthritis, rheumatoid arthritis, soft tissue injuries, common acute and elective peripheral orthopaedic conditions, introduction to back pain, cervical, thoracic and lumbar. Cardiovascular conditions - Angina, Myocardial Infarction, Chronic heart disease, deep vein thrombosis, diabetes. Respiratory conditions - COPD, Asthma, pneumonia, cystic fibrosis, cancers Neurological conditions - Parkinsons disease, multiple sclerosis, stroke Physiotherapy Approaches: Physiotherapy role in Multidisiplinary team and patient centredness, patient education/self-management strategies/health improvement and promotion. Applied Exercise (individual and group) include ROM/Flexibility, strength, function/balance, aerobic, hydrotherapy. Electrotherapy: heat/cold, US, PSWD, TENS, IF. Gait reeducation, walking aids, functional rehabilitation. Manual therapy: massage and mobilisations, Chest physiotherapy: techniques for managing SOB, sputum clearing including ACBT, positioning. Introduction to the management of pain. Professional: Documentation, clinical reasoning, goal setting and treatment planning. Overview of management of these conditions by physiotherapist and the MDT, team working and communication skills.

**Module Delivery**

This Module is delivered on campus with a mixture of workshops, seminars, tutorials and practical classes

**Indicative Student Workload**

	Full Time	Part Time
Contact Hours	85	N/A
Non-Contact Hours	215	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

If a major/minor model is used and box is ticked, % weightings below are indicative only.

**Component 1**

Type:	Practical Exam	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Observed Structured Practical Examination				

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

This modules is assessed via an Observed Structural Practical Examination.

Module Grade Minimum Requirements to achieve Module Grade:

<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	E
<b>F</b>	To achieve this grade you will have failed to achieve the minimum requirements for an E. And/OR Fails to meet module attendance requirements.
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	Completion of Stage One, Semester One Modules of the Master of Physiotherapy: HS1117, and HS1126.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 ATKINS, E., GOODLAD, E and BRADDOCK, S. 2023. A Practical Approach to Musculoskeletal Medicine: Assessment, Diagnosis and Treatment. 5th Ed. Elsevier
- 2 PETTY, N. 2023. Musculoskeletal Examination and Assessment: A Handbook for Therapists by Ryder, D & Barnard, K (editors), 6th edition, Elsevier.
- 3 HOUGH, A. 2018. Cardiorespiratory Care : An evidence based problem-solving approach (5th Ed.) Elsevier.
- 4 HUBERT R.J and VAN METER, K.C. 2022. Gould's pathology for the Health Professions. (7th Ed.) Elsevier, London.
- 5 WIDMAIER, E.P., RAFF, H., STRANG, K.T AND VANDER, A.J. 2022. Vander's Human Physiology: The Mechanisms of Body Function. 16th Ed. McGraw Hill. New York.
- 6 WELSH, C.J., PRENTICE-CRAVER, C., SHIER, D., BUTLER, J. AND LEWIS, R. 2022. Hole's Essentials of Human Anatomy and Physiology 16th Edition. McGraw Hill New York.
- 7 JONES, K. 2011. Neurological Assessment : a Clinician's Guide. Churchill Livingstone.
- 8 WATSON, T. and NUSSBAUM, E. 2020. Electrophysical Agents Evidence-based Practice. 13th Ed. Elsevier.