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MODULE DESCRIPTOR

Module Title

Management of Pathology and Health

Reference	HS1125	Version	3
Created	June 2021	SCQF Level	SCQF 7
Approved	July 2018	SCQF Points	30
Amended	August 2021	ECTS Points	15

Aims of Module

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

Inclusive 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, - Parkinson's disease, multiple sclerosis, stroke. Physiotherapy Approaches: Physiotherapy role in Multidisciplinary team and whole person care, patient education/self-management strategies/health improvement and promotion. Applied Exercise (individual and group) include ROM/Flexibility, strength, function/balance, aerobic, hydrotherapy. Adapting management approaches to consider inclusivity and sustainability. 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. Including patient treatments and patient education on pathology and self-management via a virtual/digital platform.

Module Delivery

Blended delivery comprising on campus and online learning and engagement. This will include - Workshops, Tutorials, Practical's, Seminars, Keynote Lectures, Digital Learning Resources and Simulation.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	80	N/A
Non-Contact Hours	220	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
Actual Placement hours for professional, statutory or regulatory body		

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				

Component 2

Type:	Coursework	Weighting:	0%	Outcomes Assessed:	1, 2
Description:	This relates to a minimum of 80% mandatory attendance of all scheduled module delivery. Attendance will be assessed on a pass/unsuccessful basis.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

C1 is assessed on an A-F basis and is 100% of the grade. To achieve a pass a grade D or above is required and a pass in C2 (80% Module attendance).

Module Grade	Minimum Requirements to achieve Module Grade:
A	C1 grade A and C2 Pass
B	C1 grade B and C2 Pass
C	C1 grade C and C2 Pass
D	C1 grade D and C2 Pass
E	C1 grade E and C2 Pass
F	C1 grade F and/or C2 Fail
NS	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.