

MODULE DESCRIPTOR

Module Title

Physiotherapy Practice 1

Reference	HSM152	Version	3
Created	August 2017	SCQF Level	SCQF 11
Approved	November 2013	SCQF Points	30
Amended	September 2017	ECTS Points	15

Aims of Module

To further develop the students holistic assessment, treatment and clinical reasoning skills to enable a person centred approach to rehabilitation.

Learning Outcomes for Module

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

- 1 Critically discuss the impact of common pathologies or dysfunctions on human movement and function in relation to individuals.
- 2 Critically evaluate the role of a person centred approach in physiotherapy assessment and treatment.
- 3 Critically discuss and justify core physiotherapy treatment approaches and further assessment skills, and safely, effectively and professionally apply selected physiotherapy techniques.
- 4 Critically analyse a range of research methodologies and methods, and integrate these in relation to physiotherapy practice.

Indicative Module Content

Care and compassion. Clinical leadership and autonomous practice. Continuing professional development, including personal and academic development. Applied research methods and methodologies, including qualitative and quantitative data collection, inferential statistics and thematic analysis. Cognition, insight and communication deficits. Splinting and functional bracing where appropriate. Prevention and management of complications ? a holistic approach. The theoretical basis and application of electro-physical modalities related to musculoskeletal conditions to include pulsed short wave diathermy and ultrasound. Effects of neurological and musculoskeletal conditions on the cardiorespiratory system and the management of these problems. Management of long-term conditions. Principles and practice of low and medium frequency currents for relief of pain and re-education of function (IF, TENS, low frequency stimulation and biofeedback). The relationship between neuro-anatomy and neuro-physiology in the integrated nervous system. Analysis of neurological signs and symptoms. Neuroplasticity. Psycho-social issues. Prevention and management of complications: a holistic approach. Health improvement in selected client groups. Psychology and sociology. Principles, physiological and therapeutic effects and application of manual therapy for peripheral and spinal joint problems including Maitland mobilisations, the Mckenzie concept. The indications and contraindications, precautions, progression and modification of these techniques. The delegation of physiotherapy related services to appropriate members of staff. Safe moving and handling procedures related to different conditions and situations. Enablement. Self management. Health promotion. Exercise prescription. Functional assessment and rehabilitation. Assessment and treatment of: upper limb, lower limb, trunk, including - Balance; Postural control; Muscle tone; Pathological gait analysis and re-education; Management of tonal changes, ataxia and co-ordination problems; Aetiology, pathology, signs, symptoms, prognosis and physiotherapy problems of neurovascular and neurodegenerative disorders; Adaptive seating; Wheelchair prescription and provision to patients. Proprioceptive neuromuscular facilitation; Analysis of pathological gait; Appropriate use of walking aids for different conditions; Disc herniation; Spinal assessment. Red/yellow flags; Reflex testing; Mobilisations; Mckenzie approach; Biomechanics; Assessment and provision of adaptive devices; Orthotics and wheelchairs and mobility aids; Strapping; Hydrotherapy; Muscle balance. Primary and secondary research. Quantitative and qualitative methodologies. Research questions/hypotheses. Outcome measurement. Academic writing. Critical review of scientific literature.

Module Delivery

Case-based learning, tutorials, practicals, workshops and student led seminars.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	100	N/A
Non-Contact Hours	200	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: Coursework Weighting: 50% Outcomes Assessed: 4
Description:

Component 2

Type: Practical Exam Weighting: 50% Outcomes Assessed: 1, 2, 3
Description: OSPE

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

COMPONENT 1 (OSPE) WEIGHTED AT 50% AND COMPONENT 2 (COURSEWORK) WEIGHTED AT 50%. BOTH COMPONENTS MUST ACHIEVE A MINIMUM D PASS TO PASS THE MODULE.

Module Grade	Minimum Requirements to achieve Module Grade:
A	AA, AB, BA
B	BB, BC, AC, CB, CA
C	CC, CD, DC, BD, DB, DA, AD
D	DD
E	EE, AE, BE, CE, DE, EA, EB, EC, ED
F	AF, BF, CF, DF, EF, FF, FA, FB, FC, FD, FE
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Completion of: HSM150 Foundations of Physiotherapy Practice HSM151 Exercise and Health or equivalent.
Corequisites for module	None.
Precluded Modules	None.

ADDITIONAL NOTES

This module has an 80% attendance requirement. This is essential in order to develop the professionalism required of a Physiotherapist and to ensure that students are competent for clinical placement.

INDICATIVE BIBLIOGRAPHY

- 1 JONES, K., 2011. Neurological Assessment. Edinburgh: Churchill Livingstone Elsevier.
- 2 CARR, J.H. and SHEPHERD, R.B., 2010. Neurological rehabilitation: optimizing motor performance. Edinburgh: Churchill Livingstone.
- 3 RAINE, S., MEADOWS, L. and LYNCH-ELLERINGTON, M., eds., 2009. Bobath concept: theory and clinical practice in neurological rehabilitation. Chichester: Wiley Blackwell.
- 4 Selected research texts.