

MODULE DESCRIPTOR

Module Title

Physiotherapy Through The Life Cycle

Reference	HS2070	Version	4
Created	June 2017	SCQF Level	SCQF 8
Approved	June 2010	SCQF Points	30
Amended	August 2017	ECTS Points	15

Aims of Module

The aim of this module is to enable the student to apply knowledge, therapeutic skills and appropriate attitudes and behaviours towards the promotion of health through the life cycle.

Learning Outcomes for Module

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

- 1 Demonstrate an understanding of human development and normal functions, and discuss factors influencing these.
- 2 Relate pathological conditions to potential clinical features.
- 3 Analyse the inter-relationship between factors influencing health through stages of the life cycle.
- 4 Select, plan and apply appropriate physiotherapeutic treatment approaches and techniques in the management of clients with deficits in function.
- 5 Demonstrate appropriate professional and person centred attitudes towards the promotion of health through the life cycle and identify key areas of potential team-working and collaboration.

Indicative Module Content

The normal ageing process through the full human life cycle, physical, psychological and social development through the life cycle, development of the neurological system, postural control mechanisms, biomechanics of normal movement, development of systems of normal function including sensation, proprioception, perception, insight, cognition and muscle tone. Theories of motor control and skill acquisition, feedback, neuroplasticity, systematic analysis of human movement, investigation of pathologies through case studies in neurodevelopmental delay, neurovascular conditions, neurodegenerative conditions, traumatic brain injury and peripheral nervous system pathologies, analysis of common signs and symptoms associated with these pathologies, acute respiratory issues and treatment including ACBT and manual techniques. Assessment of the neurological system, seating and splinting for postural control, therapeutic handling, PNF, falls risk assessment and management, polypharmacy, comprehensive functional assessment and treatment of the trunk, upper limbs, lower limbs, balance, transfers and gait, specific exercise considerations with the conditions considered, dealing with challenging behaviours, psychosocial considerations including spirituality through life, loss and bereavement, and dealing with traumatic events, the patient and carer experience. caring and compassion. Multi-disciplinary team working including interprofessional education (case studies and goal setting). Equity and diversity. Special consideration in obtaining consent with specific patient groups including children. Chaperoning.

Module Delivery

Tutorials, workshops and practicals supported by on-line resources.

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:	Practical Exam	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4, 5
Description:	2 clinical scenarios including questioning on human development, understanding of clinical features and pathology, awareness of psychological factors impacting on health and opportunities for collaborative working				

Component 2

Type:	Practical Exam	Weighting:	0%	Outcomes Assessed:	
Description:	Student must achieve a minimum attendance of 80% during the module				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 - is an OSPE, featuring 2 clinical scenarios including questioning on human development, understanding of clinical features and pathology, awareness of psychological factors impacting on health and opportunities for collaborative working Component 2 - Minimal module attendance requirement of 80%

Module Grade	Minimum Requirements to achieve Module Grade:
A	Minimum of 1 x A and 1 x B
B	Minimum of 1 x B and 1 x C
C	Minimum of 1 x C and 1 x D
D	Minimum of 2 x D
E	Minimum of 1 x E
F	Does not achieve standard of an E and or fails 80% attendance requirement
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of Stage One BSc (Hons)Physiotherapy modules, or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 SIGELMAN, C.K. and RIDER E.A., 2009. Life-span human development. 6th Ed. Belmont, CA: Wadsworth Cengage Learning.
- 2 RAINE, S., MEADOWS, L. and LYNCH-ELLERINGTON, M., Eds, 2013. Bobath concept: theory and clinical practice in neurological rehabilitation. Oxford: Wiley-Blackwell.
- 3 CARR, J.H. and SHEPHERD, R.B., 2003. Stroke rehabilitation: guidelines for exercise and training to optimize motor skill. Oxford: Butterworth-Heinemann.
- 4 CROSSMAN, A.R. and NEARY, D., 2015. Neuroanatomy: and illustrated colour text. 5th Ed. London: Churchill Livingstone.
- 5 HOUGH, A., 2014. Physiotherapy in Respiratory and Cardiac Care. An evidence-based approach. 4th Ed. Cengage Learning EMEA.
- 6 EDELMAN, C. and MANDLE C.L. 2014. Health Promotion throughout the lifespan. 8th Ed. St. Louis: Mosby/Elsevier.