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MODULE DESCRIPTOR

Module Title

Anatomy and Assessment

Reference	HS1126	Version	1
Created	March 2018	SCQF Level	SCQF 7
Approved	July 2018	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To enable the student to apply knowledge of anatomy to human movement and function in relation to basic physiotherapeutic assessment. To enable the student to safely and effectively perform and interpret physiotherapy assessments and to develop skills in handling, positioning, communication and professionalism.

Learning Outcomes for Module

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

1	Accurately and professionally identify and demonstrate an applied knowledge of anatomy.
2	Safely and effectively perform core subjective and objective assessment techniques.
3	Explain the biomechanical principles underpinning normal human movement and function.
4	Demonstrate a range of professional behaviours and skills, and a patient centred approach to care.

Module Ref:	HS1126 v1

Indicative Module Content

Fundamental Anatomical Concepts Anatomical terminology, planes, positions, movements. Anatomy of the axial and appendicular skeleton, joints and muscles, peripheral nerves and thorax. Palpation and surface markings including upper limbs, lower limbs and trunk; bony points, joint lines, course of main nerves, dermatomes, lungs, pleura, heart and pulses. Biomechanics Fundamental biomechanical principles related to human tissue and movement. Principles of Physiotherapy Assessment Subjective assessment.Sources of health related patient information. Application of communication skills in patient interaction. Professionalism (behaviour, hygiene, uniform), care and compassion. Consent. Principles of structured subjective assessment Objective assessment Linking subjective to objective assessments. Introduction to effective/comfortable handling and positioning of self and patient. Definition of normal posture, observation and analysis of individual variations. Observation and analysis of simple movements and functional activities. Demonstration of normal active range of motion and awareness of the factors which limit motion. Introduction to principles of goniometry, and application to measurement of joint range of motion in upper limbs, lower limbs, and trunk. Functional and girth measurements (including chest expansion, quadriceps bulk, leg length. Principles of assessing passive movements of upper and lower limbs. Principles of muscle strength testing. Introduction to tissue specific special tests in trunk and limbs. Introduction to gait analysis. Introduction to functional assessment including vital signs & auscultation. Documentation of consent and assessment findings.

Module Delivery

Full time on campus. Practical classes supported by workshops and tutorials.

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
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 (OSPE)				

Module Ref:	HS1126 v1

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The assessment for this module is via an Observed Structured Practical Examination (OSPE)

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	To achieve this grade you will have failed to achieve the minimum requirements for an E. Fails to meet module attendance requirements.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None, in addition to course entry requirements.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1	CLARKSON, H.M. 2020. Musculoskeletal Assessment: joint range of motion, muscle testing, and function, 4th ed. Philadelphia: Wolters Kluwer
2	DRAKE, R., VOGL, & A.W., MITCHELL, A.M. 2020. Grays Anatomy for Students, 4th ed. Philadelphia, PA: Elsevier.
3	HOUGH, A. 2018. Hough's cardiorespiratory care: an evidence-based, problem-solving 5th ed. Edinburgh: Elsevier
4	PETTY, N. 2023. Musculoskeletal Examination and Assessment: A Handbook for Therapists by Ryder, D & Barnard, K (editors), 2023, 6th edition, Elsevier.