

MODULE DESCRIPTOR

Module Title

Anatomy And Assessment

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|-----------|-------------|-------------|--------|
| Reference | HS1118 | Version | 2 |
| Created | June 2017 | SCQF Level | SCQF 7 |
| Approved | July 2015 | SCQF Points | 30 |
| Amended | August 2017 | 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 Discuss biomechanical principles underpinning normal human movement and function.
- 4 Demonstrate an understanding of basic descriptive statistics occurring in work, lectures or reading material and analyse, interpret and record data obtained from subjective and objective assessment techniques.
- 5 Demonstrate a range of professional behaviours and skills, a patient centred approach to care.

Indicative Module Content

Palpation and surface marking: to include upper limbs, lower limbs and trunk; bony points, joint lines, course of main nerves, arteries, dermatomes, lungs, pleura, heart and pulses. Introduction to effective/comfortable handling and positioning of self and patient. Introduction to principles of goniometry and application to measurement of joint range or motion in upper limbs, lower limbs, and trunk. Muscle testing and application. Consent. Principles of passive movements of upper and lower limbs. Demonstration of normal active range of motion and awareness of the factors which limit motion. Functional and girth measurements (including chest expansion, quadriceps bulk, leg length) descriptive statistics. Observation and analysis of simple movements and functional activities. Definition of normal posture, observation and analysis of individual variations. Communication skills. Professionalism (behaviour, hygiene, uniform). Care and compassion Biomechanics and biomechanical properties of tissues in relation to human movement. Subjective assessment; Objective assessment (including special tests, for assessment & basic functional & gait analysis, vital signs, palpation and auscultation, functional assessment); Linking subjective & objective/Rx planning; Documentation/goals/problem plans/ Recording and obtaining consent.

Module Delivery

Workshops/tutorials and practicals supported by on-line material

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, 5

Description: This module is assessed by a justified observed structured practical. In addition, this module requires an 80% attendance requirement

Component 2

Type: Practical Exam Weighting: 0% Outcomes Assessed: 5

Description: 80% module attendance

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The assessment for this module is via an OSPE

Module Grade Minimum Requirements to achieve Module Grade:

A

From rows 1-4 and 15-17 you must achieve a minimum of 4 distinctions and 3 passes. From rows 5 ? 14 you must achieve a minimum of 5 A?s, 4 B?s and 1 C. Satisfactory in rows 18-20

B

From rows 1-4 and 15-17 you must achieve a minimum of 2 distinctions and 5 passes. From rows 5 ? 14 you must achieve a minimum of 5 B?s, 4 C?s and 1 D Satisfactory in rows 18-20

C

From rows 1-4 and 15-17 you must achieve a minimum of 7 passes. From rows 5 ? 14 you must achieve a minimum of 6 C?s and 4 D?s. Satisfactory in rows 18-20

D

From rows 1-4 and 15-17 you must achieve a minimum of 7 passes. From rows 5 ? 14 you must achieve a minimum of 8 D?s and 2 E?s Satisfactory in rows 18-20

E

From rows 1-4 and 15-17 you must obtain a minimum of one fail. From rows 5 ? 14 you must achieve a minimum of 6 E?s Minimum of 1 unsatisfactory in any of rows 18-20

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

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

INDICATIVE BIBLIOGRAPHY

- 1 ATKINS, E., KERR, J. & GOODLAD, E. 2010. A Practical Approach to Orthopaedic Medicine: Assessment, Diagnosis, Treatment, 3rd ed. Elsevier Churchill Livingstone.
- 2 CLARKSON, H.M., 2012. Musculoskeletal Assessment. Joint motion and Muscle Testing, 3rd ed. Lippincott, Williams & Wilkins
- 3 DRAKE, R., VOGL, & A.W., MITCHELL, A.M., 2014. Gray's Anatomy for Students, 3rd ed. Edinburgh: Elsevier Churchill Livingstone
- 4 HOUGH, A., 2014. Physiotherapy in Respiratory and Cardiac Care. An evidence-based approach, 4th ed. Cengage Learning EMEA
- 5 PETTY, N., 2013. Neuromusculoskeletal examination and assessment, 4th ed. Edinburgh: Elsevier Churchill Livingstone