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## MODULE DESCRIPTOR

### Module Title

Pathophysiology for Advancing Practice

Reference	NUM094	Version	1
Created	January 2020	SCQF Level	SCQF 11
Approved	May 2020	SCQF Points	15
Amended		ECTS Points	7.5

### Aims of Module

Advance knowledge of pathophysiology essential to the role of the advanced clinical practitioner.

### Learning Outcomes for Module

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

- 1 Critically explore the key pathophysiological processes across the lifespan.
- 2 Critically analyse the pathophysiology of clinical features across the lifespan.
- 3 Critically analyse decision making and rationale for investigating disease.
- 4 Analyse normal physiological and pathological phenomena across the life span, analysing the relationship.
- 5 Demonstrate application of knowledge in relation to health and illness in the individual (contextualised to area of clinical practice).

### Indicative Module Content

Normal values; Homeostasis; Recognising abnormalities; Parameters; Risk versus benefit; Decision making; Critical thinking; Interpreting significance of findings; Establishing abnormal from normal; Significance to patient in relation to morbidity and co-morbidity; Pathophysiological processes; Disease; Dysfunction; Pathophysiologic alterations.

### Module Delivery

This module will be delivered via CampusMoodle with online tutorials and asynchronous discussions.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	15	15
Non-Contact Hours	135	135
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<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: Examination Weighting: 100% Outcomes Assessed: 1, 2, 3, 4, 5  
 Description: Written examination.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

Written examination.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	C1 = 90-100%
<b>B</b>	C1 = 80-89%
<b>C</b>	C1 = 70-79%
<b>D</b>	C1 = 60-69%
<b>E</b>	C1 = 50-59%
<b>F</b>	C1 = less than 50%
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

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

**INDICATIVE BIBLIOGRAPHY**

- 1 JAPP, A.G. and ROBERTSON, C., 2018. *MacLeod's clinical diagnosis*. 14th ed. Edinburgh: Churchill Livingstone.
- 2 KUMAR, V., ABBAS, A.K. and ASTER, J.C., 2020. *Robins & Cotran pathologic basis of disease*. 10th ed. Philadelphia, PA: Elsevier Saunders.
- 3 McCANCE, K.L. and HUETHER, S.E., 2019. *Pathophysiology: the biological basis for disease in adults and children*. 8th ed. St. Louis, MO: Elsevier.
- 4 PAGANA, K.D., PAGANA, T.J. and PAGANA, T.N., 2019. *Mosby's diagnostic & laboratory test reference*. 14th ed. St. Louis, MO: Elsevier.
- 5 A current and comprehensive list of references will be supplied on an annual basis to reflect the evolving nature of the topics addressed within this module.