

Module Title Pathophysiology, Investigations and Immediate Management in Advanced Practice	Reference NUM064 SCQF SCQF Level 11 SCQF Points 15 ECTS Points 7.5
Keywords Pathophysiology; investigations; decision making; managing care.	Created February 2013 Approved July 2013 Amended June 2016 Version No. 2

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module

None, in addition to course entry requirements or equivalent.

Indicative Student Workload

	Full Time	Part Time
<i>Contact Hours</i>	20	20

Corequisite Modules

None.

<i>Directed Study</i>	80	80
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<i>Private Study</i>	50	50
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Precluded Modules

None.

Mode of Delivery

This module will be delivered online via CampusMoodle.

Aims of Module

To enable students to critically analyse pathological processes to disease management and the impact of investigations to form an immediate management plan within the remit of advanced practice

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2,3,4,5

Learning Outcomes for Module

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

1. Critically analyse the correlation of pathological processes to disease management.
2. Critically appraise efficacy of tests and investigations.
3. Accurately interpret significance of history taking and clinical examination findings to aid clinical decision making in the formulation of a differential diagnosis.
4. Construct and justify immediate management plans for clients.
5. Rationalise your decision making throughout the patient journey.

Indicative Module Content

Interpreting significance of findings; Establishing abnormal from normal; Significance to patient in relation to morbidity and co-morbidity; Consent and capability; Risk verses benefit; Prioritising; Critical thinking and clinical decision making; Management planning; Pathophysiological processes of

Written examination

Indicative Bibliography

1. DOUGLAS, G., NICOL, F. and ROBERTSON, C., 2013. *McLeod's clinical examination*. 13th ed. Edinburgh: Churchill Livingstone.
2. JAPP, A.G. and ROBERTSON, C., 2013. *McLeod's clinical diagnosis*. . Edinburgh: Churchill Livingstone
3. MCGEE, P., 2009. *Advanced practice in nursing and allied health professionals*. 3rd ed. West Sussex: Wiley-Blackwell.
4. SEELEY, R., VAN PUTTE, C., REGAN, J. and RUSSO, A., 2011. *Seeley's anatomy and physiology*. 9th ed. New York, NY: McGraw Hill.
5. THOMPSON, C. and DOWDING, D., eds., 2009. *Essential decision making and clinical judgement for nurses* . Edinburgh: Churchill Livingstone.
6. VAN LEEUWEN, A.M. and POELHUIS-LETH, D.J., 2009. *Davis's comprehensive handbook of laboratory and diagnostic tests with nursing implications*. 3rd ed. Philadelphia, PA: F.A. Davis Company.

selected conditions; Fluid,
electrolyte and acid-base
imaging; Rhythm recognition
and 12 lead ECG interpretation;
Arterial blood gas and blood
profile interpretation; Genetics;
Aetiology; Epidemiology.