

Module specification

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Module Code	ODP601
Module Title	Advanced Operating Department Practice
Level	6
Credit value	40
Faculty	Faculty of Social and Life Sciences
HECoS Code	100273
Cost Code	AOD

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
BSc (Hons) Operating Department Practice	Core

Pre-requisites

None

Breakdown of module hours

Learning and teaching hours	48 hrs
Placement tutor support	hrs
Supervised learning e.g. practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	48 hrs
Placement / work based learning	0 hrs
Guided independent study	352 hrs
Module duration (total hours)	400 hrs

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Initial approval date	April 22
With effect from date	September 22
Date and details of revision	

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Version number	1

Module aims

To advance the students' knowledge and understanding of the evidence underpinning perioperative practice within anaesthetic, surgical and post-anaesthetic care areas and the wider specialty areas practitioners work in.

Module Learning Outcomes - at the end of this module, students will be able to:

1	Interpret service user information to compare, contrast and decide upon the ongoing management of care in the perioperative environment and wider specialty areas.
2	Critically appraise the holistic approach to the assessment, planning, implementation, and evaluation of anaesthetic and post-anaesthetic care in varying ranges of scenarios.
3	Critically appraise the role of the enhanced surgical practitioner and their position within the multi-disciplinary team, including their ability to assess, plan, implement and evaluate care for a diverse range of patients.
4	Critically examine the legal, ethical and professional considerations related to the enhanced surgical practitioner role.

Assessment

Indicative Assessment Tasks:

The first assessment will be a case study, assessing learning outcomes 1 & 2. The case study will present a critically ill patient who will require a variety of interventions, working with multi-disciplinary teams and will require management across a variety of departments within a hospital, including the Theatre Department.

The scenario given will include patient history and presentation. Students will be given test results, including ECG and blood gases, which will be required to be interpreted and appropriate interventions suggested.

The case study will be 2,000 words in total and support and analysis of resources is expected.

The second assessment will be a 20 minute presentation, assessing learning outcomes 3 & 4. You will be required to present a case study of a procedure you provided enhanced surgical practice for, demonstrating the responsibilities which were undertaken and using resources to critically appraise the role of the enhanced surgical practitioner within the multi-disciplinary team and the benefits which can be offered to patient care as a result. You will be expected to discuss the legal, ethical and professional considerations of enhanced surgical practice, including scope of practice.

Both assessments will be completed following placements within the clinical areas being assessed, ensuring all students will have been given opportunity to gain exposure to the relevant areas.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2	Written Assignment	50%
2	3, 4	Presentation	50%

Derogations

There are two summative assessments for this module. You will need to achieve 40% or above in each assessment to pass the module overall. Each assessment is weighted 50% towards the module, therefore the mean of both assessment marks will be used to give an overall grade for the module.

If you are unsuccessful at achieving a passing grade in either assessment at first attempt, the standard resit opportunities are granted. The overall grade for any resit assessments will be capped at 40%.

Learning and Teaching Strategies

A blended learning approach will be used during the delivery of this module combining online educational materials and face-to-face sessions. The use of the University's Virtual Learning Environment (VLE) – Moodle – allows students control over the time, place, and pace of their study. Students have a responsibility to manage and engage with the online pre- and post-session learning resources to allow them to fully comprehend a subject matter.

On campus face-to-face sessions will allow students to strengthen their learning through further discussions and tutor-led problem-based tasks and other activities. Teaching will be delivered through semester style sessions incorporating group and project work.

Indicative Syllabus Outline

- Surgical First Assistance
- Advanced Airway Management
- Advanced Resuscitation Life Support
- Managing Complex and Critically Ill Patients
- Transfer of Critical Ill Patients
- Non-Technical Skills for Surgical First Assistance
- Advanced Patient Testing, such as Thromboelastometry and urinalysis
- Major Incident and Mass Casualty Events
- Inotropes and Vasopressors
- Treatment of Acute and Chronic Cardiovascular Conditions
- Advanced Oxygen Therapy and Nebulised Drug Administration
- Advanced Ventilation
- ECG Recognition and Treatment
- Shock
- Advanced Airway Management
- Cannulation
- Catheterisation

- Laparoscopic Skills
- Surgical First Assistance

Indicative Bibliography:

Essential Reads

- Hughes, Suzanne J., and Mardell, A., (2022) *Oxford Handbook of Perioperative Practice* . Oxford: Oxford University Press

Other indicative reading

- Cashman, J. N. & Grounds, R. M. (2007) *Recent advances in anaesthesia and intensive care*. 24 . Cambridge: Cambridge University Press.
- Leaper, D. and Whitaker, I. (eds.) (2010), *Post-operative Complications*. 2nd ed. Oxford: Oxford University Press
- Quick, C., Biers, S. and Arulampalam, T. (eds.) (2019), *Essential Surgery: Problems, Diagnosis and Management*. 6th ed. Edinburgh: Elsevier.
- Radford, M. et al. (2004) *Advancing perioperative practice* . Cheltenham: Nelson Thornes.
- Simpson, P. J. and Popat, M., (2002) *Understanding anaesthesia*. 4th ed. Oxford: Butterworth-Heinemann.
- Vukmir, R. B. (2001) *Airway management in the critically ill* . New York: Parthenon.

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Organisation
Leadership and Team working
Critical Thinking
Emotional Intelligence
Communication