

Module specification

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Module Code	ODP401
Module Title	Introduction to Operating Department Practice
Level	4
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	72 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops, IPE Events	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	72 hrs
Placement / work based learning	0 hrs
Guided independent study	328 hrs
Module duration (total hours)	400 hrs

For office use only	
Initial approval date	April 22
With effect from date	September 22

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Date and details of revision	27/9/22 Admin correction
Version number	2

Module aims

To introduce students to perioperative practice, encompassing the areas of anaesthetics, surgery and post-anaesthetic care, with emphasis on evidence-based patient care.

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

1	Explain essential principles in the assessment, planning, and implementation of elective perioperative care.
2	Identify essential equipment required, and techniques used when delivering elective perioperative care.
3	Identify how teamwork and communication affect the delivery of safe and effective care in the perioperative environment.
4	Identify how safe environments for practice are established, which minimise risks to service users, those treating them and others, including the use of hazard control and infection control.

Assessment

Indicative Assessment Task:

The learning outcomes for this module are assessed in a portfolio of case studies.

The portfolio will be a series of written case studies consisting of 500 words each, assessing all 3 learning outcomes. The assessment task will be to use a variety of case studies from practice to discuss the care delivered to patients during their perioperative journey. The student should discuss the roles of the Operating Department Practitioners in planning, assessing, and implementing care at each stage of the perioperative journey. It is expected that the student will cover a variety of anaesthetic techniques, surgical specialties and the post-anaesthetic care delivered to patients from a variety of anaesthetics and surgical procedures.

It is expected that the student will write a minimum of 2 case studies from each area of anaesthetics, surgery, and post-anaesthetic care.

Anaesthetics x2 – the student is to discuss the planning, assessment and implementation of anaesthetic care delivered to a patient during their elective perioperative journey. This will include the preparation for the procedure and rationale, the assessments carried out on each patient and the implementation of induction and maintenance of anaesthesia intra-operatively. It is expected that the student will consider the holistic care of the patient, such as always maintaining dignity and temperature. It is expected that each case study will

represent a different anaesthetic technique i.e. general, spinal, epidural, nerve block, local, combinations. Work will be supported with references.

Surgery x2 – the student is to discuss the planning, assessment and implementation of surgical care delivered to a patient during their elective perioperative journey. This will include the preparation for the procedure and rationale, the assessments carried out on each patient and the implementation of surgical care, incorporating the roles and responsibilities of either the scrub or circulating practitioner. It is expected that each case study will consider a different surgical procedure, and that at least two surgical specialties are used. The holistic care of the patient should be discussed throughout.

Post-anaesthetic care x2 – the student is to discuss the planning, assessment and implementation of post-anaesthetic care delivered to a patient during their elective perioperative journey. This will include the preparation for the procedure and rationale, the assessments carried out on each patient and the implementation of post-anaesthetic care delivered to patients. It is expected that the holistic care of the patient will be considered throughout. Students should ensure that case studies have at least two different anaesthetic techniques and two different surgical specialties.

Evidence will be used to support the care and interventions provided, highlighting patient safety at each stage. Focus should also be paid to the teamwork and communication strategies used to ensure safe and effective care throughout the patient’s perioperative journey. It is expected that the “5 Steps to Safer Surgery” will be included at each stage of the patient’s journey.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1-4	Portfolio	100%

Derogations

There is one summative assessment for this module, through the use of a portfolio of case studies. You will need to achieve a mark of 40% or above in the assessment to pass the module.

If you are unsuccessful at achieving a passing grade in the 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

- Introduction to the Perioperative Environment
- Theatre Etiquette
- Caring for Patients in the Perioperative Environment
- Introduction to The Surgical and Circulating Practitioner
- Infection Prevention and Hand-Washing
- Asepsis and Maintaining a Sterile Environment
- The WHO Checklist
- Patient Positioning for Surgery
- Medical Devices and Electrosurgery
- Surgical Equipment, Counts and Safe Disposal of Contaminated Items
- Surgical Incisions and Wound Management
- Introduction to Anaesthetics and The Anaesthetic Practitioner
- General Anaesthesia
- Regional Anaesthesia
- Airway Management
- The Anaesthetic Machine, Ventilation and Breathing Systems
- Introduction to Common Drugs and Drug Groups
- Maintaining Homeostasis
- Rapid Sequence Induction
- Introduction to Post-Anaesthetic Care and the Recovery Practitioner
- Pain Assessment
- Patient Assessment
- Discharge from PACU and Handover
- Hand-Washing
- Scrubbing, Gloving and Gowning
- Basic Surgical Instrument Management and Layout
- Medical Devices and Electrosurgery
- Patient Positioning
- Basic Patient Monitoring
- Basic Life Support
- Moving and Handling
- Airway Management
- Introduction to the Anaesthetic Machine
- Assisting with Airway Management in Anaesthetics
- Patient Assessment and NEWS Scoring
- Drug Calculations

Indicative Bibliography:

Essential Reads

- Rodger, D., Henshaw, K., Rawling, P. and Miller, S. (eds.) (2022), *Fundamentals of Operating Department Practice*. 2nd ed. Cambridge: Cambridge University Press

Other indicative reading

- Al-Shaikh, B. and Stacey, S. (2018), *Essentials of Equipment in Anaesthesia, Critical Care and Peri-operative Medicine*. 5th ed. Edinburgh: Elsevier
- Craig, A. and Hatfield, A. (2020), *The Complete Recovery Room Book*. 6th ed. Oxford: Oxford University Press
- Freedman, R., Herbert, L., O'Donnell, A. and Ross, N. (eds.) (2022), *Oxford Handbook of Anaesthesia*. 5th ed. Oxford: Oxford University Press
- Hughes, S. (2022), *Oxford Handbook of Perioperative Practice*. 2nd ed. Oxford: Oxford Higher Education
- Phillips, N. and Hornacky, A. (2020), *Berry & Kohn's Operating Room Technique*. 14th ed. Amsterdam: Elsevier
- Thompson, J. et al. (2019) *Smith and Aitkenhead's textbook of anaesthesia* . Edinburgh: Elsevier.
- Wicker, P. (2015) *Perioperative Practice at a Glance*. New York: John Wiley & Sons Inc
- Wicker, P. and O'Neill, J. (2010), *Caring for the Perioperative Patient*. 2nd ed. Chichester: Wiley-Blackwell
- Woodhead, K. & Fudge, L. K. (2012) *Manual of perioperative care : an essential guide* . Chichester: Wiley-Blackwell.
- Woodhead, K. & Wicker, P. (2005) *A textbook of perioperative care* . Edinburgh: Elsevier Churchill Livingstone.

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
Creative
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Organisation

Leadership and Team working
Critical Thinking
Emotional Intelligence
Communication