

Module specification

When printed this becomes an uncontrolled document. Please access the **Module Directory** for the most up to date version by clicking on the following link: [Module directory](#)

Module Code	ODP603
Module Title	Anaesthetic Care in Practice
Level	6
Credit value	40
Faculty	Faculty of Social and Life Sciences
HECoS Code	100273
Cost Code	OAD

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
Standalone module aligned to BSc (Hons) Operating Department Practice for QA and assessment purposes	Option

Pre-requisites

Students will be registered with the relevant professional bodies (NMC/HCPC), and have the necessary prior academic experience. Students accessing this module must be working within an operating theatre setting in order to enrol on this module.

Breakdown of module hours

Learning and teaching hours	48 hrs
Placement tutor support	2 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	50 hrs
Placement / work based learning	300 hrs
Guided independent study	350 hrs
Module duration (total hours)	700 hrs

For office use only	
Initial approval date	21/02/2024
With effect from date	May 2024
Date and details of revision	
Version number	1

Module aims

The aim of this module is to support registered staff, currently employed within the operating theatre department in gaining the appropriate skills and underpinning rationale to enable them to practice safely and effectively in the care of surgical patients throughout the anaesthetic phase.

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 appropriate anaesthetic care to service users including elective, complex, non-scheduled, and emergency cases
2	Critically appraise the holistic approach to the assessment, planning, implementation, and evaluation of anaesthetic care in varying ranges of scenarios.
3	Justify appropriate anaesthetic care delivery, utilising a comprehensive evidence base.
4	Demonstrate proficiency in technical and non-technical skills associated with anaesthetic care including elective, complex, non-scheduled, and emergency cases.
5	Demonstrate proficiency in safely and effectively assessing, planning, implementing, and evaluating anaesthetic care for a diverse range of patients, including complex, non-scheduled, and emergency cases.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

The learning outcomes for this module are assessed in a 3000-word case study from a range of predetermined scenarios which will be provided to you. Evidence will be used to support the care and interventions provided.

Practical and professional skills assessment within the placement will be evidenced in a learning contract identifying learning needs, resources used and evidence provided of the students achievement in meeting the learning outcomes



Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2, 3	Written Assignment	100%
2	4, 5	Practical	Pass/Refer

Derogations

All learning outcomes must be met in order to achieve a pass on this module.

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 to engage with 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.

Students will also use self-directed study and independent learning throughout their clinical placement hours. These hours will be in the anaesthetic setting, and will allow students to gain exposure to the roles and responsibilities of the anaesthetic practitioner. They will have the opportunity to carry out experiential learning in the perioperative environment utilising modelling, observation, and practice, guided by practice educator feedback.

Other learning opportunities will include reflection, tutorials, in-service training, supervision and practice based problem solving.

Indicative Syllabus Outline

1. Patient positioning for surgery
2. General anaesthesia
3. Regional anaesthesia
4. The anaesthetic machine
5. Ventilation & breathing systems
6. Common drugs & drug groups
7. Maintaining homeostasis
8. Rapid sequence induction
9. Assisting with airway management in anaesthetics
10. Speciality considerations in anaesthetic practice
11. Anatomy & physiology of the respiratory & circulation systems
12. Emergency situations – anaphylaxis, MH, sux apnoea, major haemorrhage, LA toxicity, cardiac arrest using ABCDE approach
13. Cell salvage
14. Shared airway
15. Difficult airway management
16. Blood gas analysis
17. Obstetrics

- 18. Paediatrics
 - Invasive monitoring
- 19. Holistic care & management of the anaesthetised patient

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update.

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

Freedman, R., Herbert, L., O'Donnell, A. and Ross, N. (eds.) (2022), *Oxford Handbook of Anaesthesia*. 5th ed. Oxford: Oxford University Press

Thompson, J. et al. (2019) *Smith and Aitkenhead's textbook of anaesthesia* . Edinburgh: Elsevier.