

Advancing PoCUS: From Evidence to Implementation – Module Lead

This module is subject to final approval by the university. We are hoping for confirmation by September.

Overview:

This written module is aimed at clinicians with responsibility for introducing new point-of-care ultrasound (PoCUS) applications in their clinical environments. It focuses on bridging the gap between research evidence and real-world practice — guiding candidates through the appraisal of emerging techniques and the design of safe, evidence-based implementation plans.

Target Audience:

Senior clinicians, departmental leads, clinical governance officers, or educators who are considering introducing a new or emerging PoCUS technique within their organisation or clinical service.

What the Candidates Need to Learn:

- Medico-legal and governance considerations when adopting new PoCUS applications
- Literature review and critical appraisal techniques relevant to ultrasound
- Frameworks for assessing clinical evidence and potential impact
- Barriers to adoption such as training needs, funding, policy alignment, and cultural resistance
- Risk-benefit analysis in adopting emerging technologies
- Local implementation models: training, supervision, audit, and quality assurance
- How to link high-quality evidence to practical, sustainable changes in clinical care
- Communication and defence of proposals for clinical innovation

Assessment Format:

- Written Submission (75%)
A structured assignment of up to 1,500 words, exploring the evidence base and implementation considerations for a new or emerging PoCUS application in a specific clinical context.
The candidate should:
 - Choose a PoCUS application that is not yet widely used in their setting (e.g. diaphragmatic excursion in weaning from ventilation, bowel wall ultrasound in suspected ileus, or optic nerve sheath diameter in acute encephalopathy)
 - Review and appraise the current literature and clinical relevance
 - Explore relevant medico-legal, training, and governance issues

- Identify barriers to clinical adoption and propose solutions
- Present a feasible plan for safe, quality-assured local implementation linked to the evidence base
- Oral Examination (25%)
A 15–20 minute remote discussion with a faculty member to:
 - Confirm authorship of the written submission
 - Explore the candidate’s understanding of the clinical, practical, and governance issues involved in implementation

Role of the Module Lead:

- Provide remote guidance and support during the candidate’s written project
- Review and mark each written submission
- Conduct or supervise the oral examination
- Collaborate with a second faculty reviewer to ensure marking consistency and fairness

What Makes This Module Rewarding to Teach:

This module gives experienced clinicians the opportunity to support innovation where it matters — in patient care. As module lead, you’ll help candidates appraise new ideas critically and plan their adoption responsibly, ensuring that the next generation of PoCUS techniques are introduced safely, effectively, and with lasting clinical benefit.

For enquiries or to apply, please contact us at recruitment@bromleyemergency.com