

Module Specification

Module Summary Information

1	Module Title	Core concepts in International Perspectives in Emergency and Critical Care
2	Module Credits	40 credits
3	Module Level	LEVEL 7
4	Module Code	LBR7684
5	Semester Taught	1 and 2

6	Module Overview
<p>The module has been designed for registered healthcare professionals working in emergency and critical care settings or preparing to work overseas. This module is open to both UK and international students and can be studied as either a stand-alone module or as part of the International Perspectives in Emergency and Critical Care Pathway.</p> <p>This module spans the continuum of emergency and critical care from a global, regional and national perspective. The module content has been aligned to international standards such as the World Health Organization, United Nations Sustainable Development Goals and the World Federation of Critical Care Nursing education standards. The inter-professional and international elements of the module will facilitate professional discussion, with each student offering differing perspectives based upon their own clinical experiences. Practitioners will critically examine their role in emergency and critical care and therefore be able to deliver high quality, ethically justifiable care within the parameters of international guidelines.</p> <p>You will study a range of professional topics which will enable you to assess, plan, manage and evaluate key interventions for emergency and critically ill patients with organ dysfunction. You will gain the knowledge to deliver evidence-based clinical management which will facilitate development of a deep and systematic understanding of the complexities of acute and critical illness. You will be expected to evaluate the reliability and validity of key evidence to justify interventions in different healthcare systems, also to investigate and evaluate the professional, ethical and legal issues within an emergency and critical care environment. Within each subject area you will explore the relevant underpinning theories, critically reflecting on the application of theory to clinical practice, thereby bridging the theory practice gap. The leadership and management elements will enable you to reflect on current and future international perspectives in emergency and critical care.</p> <p>The module has been designed using a partnership approach to help embed theoretical concepts into clinical practice. Delivery will be by a combined team of academic and senior clinically credible practitioners within the speciality of emergency and critical care across the UK and internationally.</p> <p>This module aligns with the Professional Practice Programme philosophy and is designed to be flexible, and practice led. You will have the opportunity to develop skills of enquiry, reflection and problem solving. A blended learning approach is taken in line with the University's learning and teaching strategy. You will be encouraged to think critically and share practice experiences with your fellow students, as well as engaging in both directed and self-directed learning activities. You will be an active partner in your own learning and development and in return you will receive regular feedback and feedforward aimed at developing your academic skills and have the opportunity to discuss your progress with the module team.</p>	

7	Indicative Content
	<ul style="list-style-type: none"> • Perspectives of global health issues in emergency and critical care and how these impact on the United Nations Sustainable Development Goals • Regional and international provision of emergency, trauma and critical care • Emergency and critical care workforce challenges in varying health systems • Major incident and emergency preparedness • Conflict in trauma • Trauma management • Rehabilitation following critical illness • Sepsis management • Professional, ethical and legal issues in care of the acute and critically ill adult • Leadership and management in the emergency and critical care setting • Assessment, planning, management and evaluation of interventions for acute and critically ill patients with organ dysfunction leading to altered respiratory, cardiac renal, liver, GI, neurological and endocrine conditions • Key issues in rehabilitation following critically illness • Future directions for international emergency and critical care.

8	Module Learning Outcomes	
	On successful completion of the module, students will be able to:	
	1	Utilising academic skills, retrieve and apply appropriate evidence and knowledge to formulate critical debate required at level 7.
	2	Critically rationalise and demonstrate a comprehensive understanding the holistic management of the critically ill patient and their families, with reference to physiological, psychological and pharmacological concepts.
	3	Critically appraise, analyse and synthesise the varying scope and provision of emergency and critical care services within a range of healthcare settings.
	4	Critically reflect and systematically appraise your own practice and learning, decision making to develop independent perspectives in the field of critical care in order to improve the care of critically ill patient with organ dysfunction.
	5	Critically discuss contemporary issues and developments within the international emergency and critical care speciality.
	6	Critically explore ethical dilemmas and issues in the delivery of emergency and critical care in different health systems.

9	Module Assessment		
Learning Outcome Number (from table 8)	Coursework	Exam	In-Person
1, 3, 4			50%
1, 2, 5, 6	50%		

10 Breakdown Learning and Teaching Activities		
Learning Activities	Hours	Details of Duration, Frequency and other comments
Scheduled Learning (SL) includes lectures, practical classes and workshops as specified in timetable	102 hours	2-hour lectures x45. 2hr seminar x6.
Directed Learning (DL) includes placements, work-based learning, peer group learning external visits, on-line activity, Graduate+, peer learning, as directed on VLE	38 hours	3-hours asynchronous online content engagement x11 5 hours online / face-to-face tutorial support.
Private Study (PS) includes preparation for exams	260hours	Regular engagement with MOODLE-based learning resources, literature searching, reading, critical thinking and applying this to completion of module summative assessment.
Total Study Hours:	400hours	

11 Key Texts and Online Learning Resources	
<p>No books are recommended as must-purchase titles, due to the individual nature of academic skill development, diversity of clinical backgrounds of students completing this module, and the well-resourced library. The following books/ articles/ reports are highly recommended and will be referred to throughout the module:</p> <p>Adam S. Osbourne S. Welch J. (2017). Critical care nursing: science and practice. Oxford University Press: International.</p> <p>Al-Shaikh B. Stacey SG. (2018). Essentials of equipment in anaesthesia, critical care and peri-operative. Elsevier.</p> <p>Boyle M. Bothamley J. (2018). Critical care assessment by midwives. 1st Edition. Routledge.</p> <p>Carter C. Notter J. (Edt). (2021). Critical Care Textbook. Elsevier.</p> <p>Garvin R. (2020). Intubating the critically ill patient: a step-by-step guide for success in the ED and ICU. Springer International Publishing</p> <p>LaRosa JA (Edt). (2019). Adult critical care medicine a clinical casebook. Springer International Publishing.</p> <p>Mallett J. Albarran J. Richardson A. (Edt). 2013). Critical care manual of clinical procedures and competencies. Wiley. Currently being updated.</p>	

Michalsen A. Sadovnikoff N. (2020). Compelling ethical challenges in critical care and emergency medicine. Springer International Publishing.