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| **UNIT SPECIFICATION**  |
| **Unit title** Systematic Assessment of the Critical Ill Patient  |
| **Level** | Level 7 | Credit value  |  20 (10 ECTS) |
| **Is this a common unit?**  | No  | **Expected contact hours for unit** | 30 hours |
| **Pre and co-requisites**Students should have a minimum of 12 months recent Critical Care experience. |
| AimsThe aim of this unit is to enhance the student’s knowledge base relating to physiological processes, to develop their ability to assess critically ill patients and to enable them to plan appropriate nursing management for patients in their care. |
| **Intended learning outcomes (ILOs)**Having completed this unit the student is expected to:1. Undertake and critically reflect upon a comprehensive assessment of the critically ill patient, demonstrate knowledge of anatomy, pathophysiology and the interpretation of supportive medical data used within the critical care setting.
2. Evidence grounded critical thinking skills, appraising and utilising current research and evidence to develop a patient centred plan of care.
3. Critically evaluate the effectiveness of care interventions and develop appropriate communication strategies within the health care team to maintain patient safety.
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| **Learning and teaching methods**The student will encounter a variety of lectures, seminars, tutorials and self-managed learning. They will spend a minimum of 90 hours engaged in direct practice in their own clinical area, where he/she will be allocated a clinical supervisor.  |
| **Assessment**  |
| **Formative assessment/feedback** Outcome 1 will be formatively assessed by completion of an anatomy and physiology workbook and in class test, as well as a student case study presentation on day 5 with tutor and peer feedback.Academic tutorial and clinical feedback |
| **Summative assessment**ILO 1-3 will be assessed by coursework (100%) | **Indicative assessment**A written assessment based on a client they have nursed who has multi-system failure (failure of two or more systems) (3,000 words equivalent)  |
| **Indicative unit content*** Homeostatic Principles
* Fluid Balance
* Respiratory System and Supportive Therapies
* Cardiovascular System and Haemodynamic Monitoring
* Cardiovascular Support Therapies
* Renal System and Supportive Therapies
* Nervous System and Supportive Therapies
* Immunology
* Gastrointestinal System and Supportive Therapies
* Infection and Infection Control
* Pharmacokinetics
* Role of the Nurse in ITU
* Communication techniques
* Psychological care
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| **Indicative learning resources*****Books***Darovic, G., 2002. *Haemodynamic Monitoring: Invasive & Non-Invasive Clinical Application.* 3rd Ed. Philadelphia: W.B. Saunders Company.Goldworthy. S and Graham, L., 2014. Compact Clinical Guide to MECHANICAL VENTILATION Foundations of Practice for Critical Care Nurses. [Electronic Resource]. New York. Springer Publishing Company. Gould, D., and Brooker, C., 2000. *Applied Microbiology For Nurses.* Macmillan Press Ltd (old but good)ICS. 2015. Handbook of Mechanical Ventilation: a user’s guide. Digital Online. Marieb, E. N. 2017. *Essentials of Human Anatomy & Physiology*. 12th Ed., International Ed. Boston, Benjamin Cummings.Morton, P. G. and Fontaine.D,. 2018. *Critical Care Nursing: A Holistic Approach*, 11th Ed Philadelphia; London : Lippincott Williams & Wilkins. Porth, C. 2015. *Essentials of Pathophysiology: Concepts of Altered Health States*. 4th Ed., International Ed. Philadelphia. London : Wolters Kluwer/Lippincott Williams & Wilkins.Tortora, G. J. and B. Derrickson. 2014. *Principles of Anatomy & Physiology. EMEA Edition.* 14th Ed. Hoboken, N.J. Wiley. Truwit, J. D and Epstein, S. K. 2011. A Practical Guide to Mechanical Ventilation. West Sussex, UK. Wiley-Blackwell. Trounce, J. R., Greenstein, B. and Gould, D. 2009. *Trounce's Clinical Pharmacology for Nurses* [Electronic Resource]. 18th Ed. Edinburgh: Churchill Livingstone. ***Journals***British Journal of Intensive Care Intensive Care MedicineBritish Journal of Nursing (Critical Care) Journal of Advanced NursingCare of the Critically Ill Journal of Professional NursingIntensive and Critical Care Nursing |

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| **Unit number** |  | **Version number** | 1.0 | **Date Effective from** | Sep 2020 |