

Unit Outline (Higher Education)

Institute / School:	School of Health
Unit Title:	PARAMEDIC CLINICAL DIAGNOSTICS 2
Unit ID:	HCPAR6012
Credit Points:	15.00
Prerequisite(s):	(HCPAR5001 and HCPAR5011 and HCPAR6902)
Co-requisite(s):	(HCPAR6002)
Exclusion(s):	Nil
ASCED:	069905

Description of the Unit:

This unit builds upon and extends learning outcomes developed through HCPAR5001 Clinical Diagnostics 1 and underpins the objectives of HCPAR6912 Work Integrated Learning 2. This unit is focused on developing a deep understanding of pre hospital care to the Advanced Life Support level. This unit takes a specific focus upon the pre-hospital care of: endocrine emergencies, the patient experiencing a seizure, emergencies related to exposure (environments), drug overdose, sepsis, dysreflexia as well as the care of the paediatric patient,

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

Not wholly work experience: Student is not undertaking work experience in industry or student is undertaking work experience in industry where learning and performance is directed by the provider.

Placement Component: No

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment

Course Level:

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	■	■	■	■	■	■
Intermediate	■	■	■	■	■	■
Advanced	■	■	■	✓	■	■

Learning Outcomes:

Knowledge:

- K1.** Demonstrate a satisfactory knowledge and understanding of accepted assessment and management strategies for paediatric patients.
- K2.** Discuss the standard treatment regime for a patient suffering an endocrine emergency.
- K3.** Illustrate the principle of thermoregulation and recognize the pre hospital implications of hypothermia and hyperthermia.
- K4.** Apply expedient assessment and management of a patient suffering a drug overdose.
- K5.** Analyse available pre hospital pharmacological interventions and justify the importance of ‘standing orders’.

Skills:

- S1.** Utilise pre hospital clinical approach to paediatric patients and implement accepted assessment management of these patients.
- S2.** Recommend appropriate clinical practise guidelines for a variety of pre hospital medical emergencies and implement the appropriate management.
- S3.** Show competence in the use of a variety of pre hospital medication delivery systems.

Application of knowledge and skills:

- A1.** Initiate, plan, implement and evaluate the appropriate management of patients suffering from endocrine, thermoregulatory and overdose emergency presentations utilising the Clinical Practise Guidelines.
- A2.** Analyse and independently implement pre hospital medication standing orders and demonstrate medication safety with a comprehensive knowledge of medication calculations.
- A3.** Differentiate the complexities of paediatric presentations and recommend the appropriate assessment and management of these patients within the paramedic’s scope of practise.
- A4.** Apply contemporary evidence to critically analyse current ambulance practice and recommend change where appropriate

Unit Content:

This unit is designed to build upon and extend knowledge and practical skills developed in Clinical Diagnostics 1. This unit is closely interrelated with Clinical Paramedicine 2 and will help develop the participants understanding and exploring of

- pre-hospital care to Advanced Life Support (ALS) level.
- paramedic care models and the practice of Paramedicine.
 - paediatric,
 - environmental
 - medical emergencies.
- The management and pharmacology

- Clinical practice guidelines (CPGs)
- Clinical work instructions to the management of various medical emergencies.
- Problem-based learning models to develop critical thinking processes.

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, K4, K5, S2, A1, A2, A3	Examination of 2 hours consisting of a combination of multiple choice questions, short answers questions and/or case study based questions to determine understanding and application of unit content.	Examination	60% - 80%
K1, S2, A2, A4	Develop an evidenced based paper critically analyzing one of the current ALS Clinical Practice Guideline(s), the analysis should include sound evidence for any recommendations for change and a discussion related to the relevance of evidence based practice in Paramedicine.	Written Evidenced Based Paper	20% - 40%
K1, K2, K3, K4, K5, S1, S2, S3, A1, A2, A3	Practical demonstration of theoretical and clinical skills assessed via a scenario setting.	Objective Clinical Standard Examination	S/U

Adopted Reference Style:

APA

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