

# Unit Outline (Higher Education)

<b>Institute / School:</b>	Institute of Health and Wellbeing
<b>Unit Title:</b>	Paramedic Clinical Diagnostics 2
<b>Unit ID:</b>	HCPAR6012
<b>Credit Points:</b>	15.00
<b>Prerequisite(s):</b>	(HCPAR5001 and HCPAR5011 and HCPAR6902)
<b>Co-requisite(s):</b>	(HCPAR6002)
<b>Exclusion(s):</b>	Nil
<b>ASCED:</b>	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:

No work experience

**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 ()

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)