



# AUSTRALASIAN REGISTRY OF EMERGENCY MEDICAL TECHNICIANS



## Intensive Care Paramedic Criteria

All individuals applying for AREMT-ICParamedic registration must meet the following requirements to be eligible for national registration:

Applicant should be 18 years of age or older.

Current ambulatory or state certification at the Paramedic level issued by respective ambulatory or approved paramedic educational authorities/institutions.

Successful completion of an approved EMT- Paramedic educational program, **within the past six (6) years**, that equals or exceeds the behavioral objectives of the National health training Curriculum or its equivalent UK IHCD and U.S. Department of Transportation paramedical training programme, plus advanced clinical or prehospital care education. If completion of HLT Diploma in Paramedical Science, evidence of full EMT-P topic completion is required.

If the candidate's initial EMT-Paramedic educational program was **completed more than ten (10) years ago** and the candidate has maintained state certification at the EMT-Paramedic level, the candidate must submit documentation verifying completion of a current EMT-Paramedic CEU program within the past two (2) years. Continuing education units equivalent to 60 units (hrs) over 2 years, via an approved CEU provider that AREMT has provided or recognises.

If the candidate's initial EMT-Paramedic educational program was **completed more than ten (10) years ago** and the candidate has not maintained state certification at the EMT-Paramedic level, the candidate should submit currencies of EMT-P clinical and theory knowledge via educational or ambulatory institutions.

Submission of current approved BLS/ALS/ACLS credential for the professional rescuer. Verification may be in the form of an instructor signature or copies of both sides of a current card which attests to competency over the following skills: adult, 1 and 2 person CPR; adult/child/infant obstructed airway maneuvers; child and infant CPR.

Signature of the EMT-Paramedic Education Program Director or the service director of training/operations verifying competence in the skills as listed on the AREMT-Paramedic application. Applications submitted for each re-examination must also be completed and signed by the EMT-Paramedic Education Program Director or the service director of training/operations. Whenever the practical examination or a portion of the practical examination is also being tested.

Submission of a completed application attesting to the above requirements with fee; the official application must be signed by the Physician Medical Director of Training/Operations, attesting the candidate is in good standing within the education program or service and that he/she has completed the requisite education. Successful completion of the AREMT-ICParamedic written and practical assessments.

### **Application Fee**

A non-refundable/non-transferable application fee of \$150.00. All fees payable to The Australasian Registry of Emergency Medical Technicians and submitted with the application for processing of the application. Failure of the written examination requires the candidate to submit another complete assessment. The National Registry does not require an additional application or fee for retests of practicals if required. For the online assessment there is a once off \$50 submission via Paypal or AREMT can provide login details and charge the applicant fee accordingly..

### **Lapsed Registration**

To be re-registered once EMT-Paramedic National Registration has lapsed, the candidate must:

If lapsed within a two-year period, document successful completion of paramedic continuing education training that meets all objectives of the national health training package standard EMT-Paramedic Curriculum within the past two (2) years; submit a new application and fee; and successfully complete the AREMT-ICP-Paramedic written and practical examinations.

If lapsed beyond a two-year period and still currently state-certified at the EMT-Paramedic level, document completion of paramedic continuing education training that meets all objectives of the National health training package Standard EMT-Paramedic Curriculum within the past two (2) years; submit a new application and fee; and successfully complete the AREMT-Paramedic written and practical examinations.

### **Re-Registration Policy**

- Entry and/or re-entry into the National Registry may be granted to a previously state-certified or Nationally Registered EMT-Paramedic provided he/she:
  - Officially documents completion of a EMT-Paramedic Training Program
  - Shows satisfactory evidence to AREMT of prior state certification or service as an EMT-Paramedic in industry or ambulatory roles.
- Has currencies or clinical instructor status in BLS/ACLS as recognised by appropriate Australian training/regulatory authorities or by the AHA.
  - Completed either ACLS/PHTLS or BTLIS within the past two (2) years.
- Has completed a state approved EMT-Paramedic continuing education Training Program or completes forty-eight (48) hours of ALS/ACLS training subjects that overview the topical content of an EMT-ICP Paramedic Training Program.
  - Successful completion of the AREMT-Paramedic written and practical examinations.

### **Assessment Process**

#### **EMT-ICParamedic Written Assessment**

The EMT-Paramedic written assessment consists of 180-200 multiple-choice items contained in six (6) topical areas based on the EMT-Paramedic Health training package Standard Curriculum, and current AHA/ILCOR guidelines.

Three (3) hours are allowed for the completion of the written assessment.

A description of each topical area and the range of the number of items each topic may contain follows:

The AREMT EMT-ICP Paramedic assessment comprises:

TOTAL 180-200  
Operations 26 - 32  
Obstetrics and Pediatrics 24 - 32  
Medical 26 - 34  
Trauma Life Support 26 - 34  
Cardiology/ACLS/ECGs 30 - 36  
Airway and Breathing 27 - 33  
Topics Range

## Overall ICP Range Statement

Intensive Care Paramedics (ICP) are clinical specialists in the provision of out of hospital emergency health care. To develop this specialist role consideration has to be given to the dynamic nature of international benchmarks and trends. ICPs must embrace evidence-based medicine (EBM), which influences their practice in out of hospital emergency health care. This level of care is not practiced in isolation, so the importance of an integrated approach to providing this care is going to result in the best health care outcomes. A range of knowledge and core skills underpins advanced clinical practice. These important factors need to be reviewed prior to embarking on further units of study in this field.

Applicants must address all the performance criteria of the objectives of the Graduate Diploma in Intensive Care Paramedical Practice or its equivalent Australian, UK or International EMT-ICP level. As a minimum for recognition of EMT-ICP the following Australian standards should be addressed:

### **PUN220 – Introduction to Advanced Clinical Practice**

#### **PUN221 – Cardiovascular Emergencies**

#### **PUN222 – Medical and Surgical Emergencies 1**

#### **PUN223 – Clinical and Integrated Practicum 1**

#### **PUN224 – Medical and Surgical Emergencies 2**

#### **PUN225 – Trauma and Environmental Emergencies**

#### **PUN226 – Obstetric and Paediatric Emergencies**

#### **PUN227 – Clinical and Integrated Practicum 2**

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### **PUN220- Introduction to Advanced Clinical Practice**

The aim of this unit is to expose you to global issues that will influence your practice. This unit will assist you in developing a holistic approach to your patient care. Some core knowledge and skills that underpin ICP practice will also be reviewed to facilitate your professional development.

Analyse the controversies of out of hospital advanced clinical practice from a national and international perspective.

Demonstrate the attributes of a contemporary health care professional

Demonstrate how clinical reasoning and problem solving are fundamental to advanced clinical practice.

Understand the impact of population health and illness and how it influences advanced clinical practice.

Relate the principles of pharmacology to advanced clinical practice

Demonstrate an understanding of pain and out of hospital strategies to manage the care of patients suffering pain.

Demonstrate a well-developed process of clinical examination

#### **PUN221 – Cardiovascular Emergencies**

The aim of this unit is prepare you with the knowledge and skills necessary to manage acutely ill patients with cardiovascular disease. You will improve your medical knowledge, clinical reasoning and management of these patients

An understanding of national and international epidemiology of cardiovascular disease.

An appreciation of preventative strategies used for cardiovascular disease

. Knowledge of integrated and definitive care for patients suffering acute coronary syndromes.

Knowledge of anatomy, physiology and pathophysiology relating to the cardiovascular system.

An ability to interpret electrocardiographic rhythms and waveforms in order to apply appropriate treatment strategies.

Clinical skills and appropriate clinical management strategies for patients suffering acute cardiovascular disease.

Application of clinical pharmacology in relating to patient care needs within this unit

Ability to critically reflect on your clinical practice and explore strategies to improve patient care.

An appreciation of rehabilitation from acute cardiovascular disease

#### **PUN222 – Medical and Surgical Emergencies 1**

The aim of this unit is to prepare you with the knowledge and skills necessary to manage acutely ill patients with respiratory emergencies, neurological emergencies, and behavioural disorders. You will improve your medical knowledge, clinical reasoning and ability to manage these groups of patients.

An understanding of national and international epidemiology of Asthma

An understanding of preventative strategies for Asthma

Knowledge of anatomy, physiology and pathophysiology of the respiratory system

You will improve your medical knowledge, clinical reasoning and ability to manage these groups of patients.

An understanding of acute neurological disease.

Knowledge of anatomy, physiology and pathophysiology of the nervous system

Knowledge of the spectrum of behavioural disorders and how they present in the out of hospital phase.

Clinical skills and appropriate clinical management strategies for patients suffering acute respiratory, neurological and behavioural emergencies

Knowledge of integrated and definitive care for patients suffering respiratory, neurological and behavioural emergencies.

Application of clinical pharmacology in relation to patient care needs relevant to the topics within this unit.

Ability to critically reflect on your clinical practice and explore strategies to improve patient care.

### **PUN223 – Clinical and Integrated Practicum 1**

The aim of this unit is to prepare you with the knowledge and skills necessary to manage acutely ill patients with respiratory emergencies, neurological emergencies, and behavioural disorders. You will improve your medical knowledge, clinical reasoning and ability to manage these groups of patients.

An ability to develop and maintain strong working relationships with hospital based multi-disciplinary teams and other emergency service providers.

A thorough understanding of definitive care available in the tertiary hospital environment.

A clear view of the role an Intensive Care Paramedic has in the integrated approach of providing Emergency Medical Services

The transfer of knowledge and skills developed in the classroom and simulated settings to real patient care situations in the out of hospital phase.

Appropriate scene control, leadership and management strategies for patients in the out of hospital phase.

A high level of clinical judgement and skill while working under the supervision of an Anaesthetist in the hospital environment.

Improved knowledge, clinical judgement and skill while assisting in the case of Intensive Care and coronary Care Patients in the hospital environment.

Improved knowledge, clinical judgement and skill while assisting in the care of Emergency Department patients in the hospital environment.

Application of clinical pharmacology in relation to emergency patient care needs

Ability to critically reflect on your clinical practice through maintaining a clinical journal and participating in regular case debriefs with your mentors. This reflective review strategy should develop a continuing process of clinical quality improvement

### **PUN224 – Medical and Surgical Emergencies 2**

The aim of this unit is to prepare you with the knowledge and skills necessary to manage acutely ill patients with Endocrine, Metabolic, Digestive and Renal emergencies. You will improve your medical knowledge, clinical reasoning and ability to manage these groups of patients.

An understanding of National and International epidemiology of Diabetes

An understanding of preventative strategies for Diabetes.

Knowledge of anatomy, physiology and pathophysiology of the Endocrine system

An understanding of Digestive and Renal System Emergencies.

Knowledge of anatomy, physiology and pathophysiology of the Digestive and Renal system.

Clinical skills and appropriate patient care management strategies for patients suffering Endocrine, Metabolic, Digestive and Renal emergencies.

Knowledge of integrated and definitive care for patients suffering Endocrine, Metabolic, Digestive and Renal Emergencies.

Application of clinical pharmacology in relating to patient care needs relevant top topics within this unit.

Ability to critically reflect on your clinical practice and explore strategies to improve patient care.



## **PUN225 – Trauma and Environmental Emergencies**

The aim of this unit is prepare you with the knowledge and skills necessary to manage severely injured patients and patients who suffer serious illness from environmental incidents.

An appreciation of national and international epidemiology of Trauma, Trauma Systems, Trauma Prevention and Trauma Scoring.

An understanding of controversies in the management of Trauma

Knowledge of anatomy, physiology and pathophysiology relating to trauma, toxicological and environmental illness

Knowledge of the spectrum of Toxicological Emergencies and how they present in the out of hospital phase.

Clinical skills and appropriate clinical management strategies for patients suffering severe trauma, toxicological and environmental illness

Knowledge of integrated and definitive care for patients suffering traumatic, toxicological and environmental emergencies.

Application of clinical Pharmacology relating to topics within this unit.

Ability to critically reflect on your clinical practice and explore strategies to improve patient care.

## **PUN226 – Obstetric and Paediatric Emergencies**

The aim of this unit is to prepare the ICP student with thorough understanding of obstetric and paediatric emergencies. The student will improve their medical knowledge, clinical reasoning and skills necessary to manage severely ill obstetric and paediatric patients.

An understanding of national and international epidemiology of obstetric and paediatric morbidity and mortality.

An understanding of preventative strategies of paediatric emergencies.

Knowledge of anatomy, physiology and pathophysiology relating to obstetric and paediatric emergencies.  
Clinical skills and appropriate clinical management strategies for patients suffering severe illness and injury in obstetric and paediatric patient groups.

Application of clinical pharmacology in relation to patient care needs relevant to topics within this unit.

Knowledge of integrated and definitive care for patients suffering obstetric and paediatric emergencies.

Ability to critically reflect on your clinical practice and explore strategies to improve patient care.

## **PUN227 – Clinical and Integrated Practicum 2**

Similarly to unit PUN 223 the aim of this unit is to allow you to further develop your Advanced Life Support skills in a supervised clinical environment. As you gain experience in the hospital and field environments you will apply your knowledge, clinical reasoning and practical skills in the pursuit of clinical excellence.

Consolidation of strong working relationships with hospital based multi-disciplinary teams and other emergency service providers.

A thorough understanding of definitive care available in the tertiary hospital environment.

An evolving clinical leadership style within your role as an Intensive Care Paramedic

The transfer of knowledge and skills developed in the classroom and simulated settings to real patient care situations in the out of hospital phase

Confident scene control and management strategies for patients in the out of hospital phase.

A high level of clinical judgement and skill while working under the supervision of a Paediatric and Adult Anaesthetist in the hospital environment

Improved knowledge, clinical judgement and skill while assisting in the care of Paediatric Emergency Department patients in the hospital environment.

Application of clinical pharmacology in relation to emergency patient care needs.

Ability to critically reflect on your clinical practice through participating in regular case debriefs with your mentors. This reflective review strategy should develop a continuing process of clinical quality improvement.

The Registry reserves the right to review and investigate any practical assessments that may be in doubt towards assessment criteria . The AREMT realizes that each candidate's circumstances are unique and a case by case approach to review the documentation is required for registration and assessment criteria.

**AN ASSOCIATE MEMBER OF THE**

