



Australasian College  
for Emergency Medicine



# Sonographer Educators in Emergency Departments (SEEDS) Position Description

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This document has been provided by the ACEM and EMUGs Collaboration Working Group to assist Clinical Leads in Ultrasound in developing ED ultrasound training programs. The suggestions outlined are not required for accreditation for the FACEM Training Program. Due to the variation in size and resources available at sites throughout Australia and Aotearoa New Zealand, the guidance provided in this document may or may not be appropriate for your site.

## SEEDS Position Description

### Roles and Responsibilities

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- 1 Provide ultrasound education, practical skills training, and supervision of Emergency Department (ED) staff who are performing Point of Care Ultrasound (POCUS).
- 2 Demonstrate the ability to effectively teach ultrasound scan techniques for obtaining optimum diagnostic images in both the ED environment and workshop settings.
- 3 Be able to explain and discuss potential diagnostic pitfalls in ultrasound (eg. ultrasound artefacts, equipment settings, measurements, interpretive errors).
- 4 Work with the Clinical Lead in Ultrasound (CLUS) to review and critique scans performed by ED clinicians assisting in their completion of POCUS credentialing logbooks.
- 5 Assist CLUS in providing Quality Assurance review of all scans performed by Emergency Clinicians.
- 6 Assist CLUS in developing other aspects of POCUS program as agreed e.g., educational presentations, teaching materials, scanning protocols, clinical audit, research, ultrasound equipment, etc.

Note: this is a teaching role ONLY and NOT a sonographer role. Comprehensive Radiology/Cardiology ultrasound scans are the GOLD Standard for non-critical emergency patients and will be scanned and reported within Radiology/Cardiology departments as per normal.

### Selection Criteria

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#### Required

- 1 Sonographer with DMU or equivalent post-graduate ultrasound qualifications.
- 2 Minimum 5 years post-graduate experience, including hospital and emergency department settings.
- 3 Current registration with ASAR as a general or cardiac sonographer.

#### Desirable

- 1 Knowledgeable in general/cardiac sonography and self-motivated with previous clinical teaching experience.
- 2 Ability to perform in unfamiliar situations and flexibility to adapt as needed.
- 3 General understanding of the evolving role of POCUS in Emergency Medicine.
- 4 Knowledge of the ASUM CCPU and its modules (Certificate of Clinician Performed Ultrasound).
- 5 Knowledge of the ACEM policies: *The Use of Focused Ultrasound in Emergency Medicine (P21)* and *Credentialing for Emergency Medicine Ultrasonography (P733)*.
- 6 Attendance at a Point of Care Ultrasound Course.



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