



Australasian College
for Emergency Medicine



Clinical Lead in Ultrasound (CLUS) Position Description

The appointment of a Clinical Lead in Ultrasound is not a requirement for accreditation for the FACEM Training Program. This document is provided for sites who wish to appoint a Clinical Lead in Ultrasound as recommended in ACEM Guideline COR742, Guideline for the Provision of Emergency Department Focused Ultrasound Training and Governance. The content aligns with this guideline.

Clinical Lead in Ultrasound (CLUS) Position Description

Position Title:	Clinical Lead in Ultrasound (CLUS)
Reports to:	Director of Emergency Medicine
Liaises with:	Emergency Physicians, ACEM trainees, Nursing Staff, Medical Imaging Department, Other POCUS clinicians within the hospital and possibly Sonographer Educators in the Emergency Department (SEEDS)

Position Objective

- Participate in the continued development of high-quality focused ultrasound training for clinicians in emergency medicine, and appropriate quality and governance frameworks.
- Participate in local credentialing of emergency clinicians, ACEM trainees, (Fellowship, Certificate, Diploma (Adv)) to ensure minimum safety and quality standards are maintained.
- Support emergency clinicians enrolled in an advanced practice qualification using ultrasound – for example (ACEM qualification), OR third-party qualification with another organisation.
- Provide point of care ultrasound education and training to Special Skills term registrars in Ultrasound.
- Develop quality and safety procedures, audits of practice and prospective research in point of care Ultrasound.
- Participate in Emergency Department audits and various working parties that exist within the Department and throughout the hospital as a delegate of the Department of Emergency Medicine.

Selection Criteria

- FACEM or Advanced Diploma holder or Senior Registrar (late phased Advanced trainee), or equivalent (e.g. FACRRM) as approved by ACEM
- Holds a qualification (or working towards) in focused ultrasound that includes any of the following in preference order:
 - DDU or equivalent
 - A Masters or higher degree in ultrasound
 - Certificate in Clinician Performed Ultrasound (CCPU) in at least the minimum modules for ACEM trainees (E-FAST, AAA, FELS, Lung and Procedural Guidance)
 - other higher qualifications in ultrasound education
- Maintenance of credentialing as per ACEM (or 3rd party) requirements
- Significant experience and standing amongst their peers in ultrasound practice
- Demonstrated commitment to utilisation of Emergency Department Ultrasound

- Experience in training and credentialling others in ED Ultrasound
- Commitment to teaching on undergraduate and postgraduate level
- Commitment to performance improvement and patient safety

FTE Requirement

CLUS

The clinical support time required for the CLUS role will vary between departments. Factors to consider include the number of trainees locally and/or networks, local infrastructure and the supporting faculty.

- ACEM recommends the following allocated CST for CLUS duties:
 - 1 – 10 ACEM trainees – 0.1 FTE
 - 11 – 20 ACEM trainees – 0.2 FTE
 - for >20 ACEM trainees – 0.4 FTE
- It is recommended that the CLUS role be shared between two clinicians where possible, especially in larger departments with >20 trainees.
- Administrative support is independent of this recommendation.

Faculty

The number of clinicians on the Emergency Medicine ultrasound faculty will vary depending on the size of the Emergency Department and the number of FACEMs and trainees. Ideally the Faculty would include – CLUS, DEM, FACEMs/ advanced trainees/ other emergency clinicians with ultrasound qualifications and SEEDS where available.

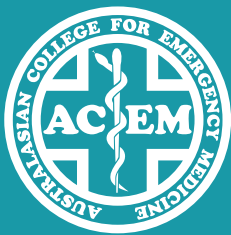
The minimum faculty numbers suggested by ACEM are:

- up to 20 ACEM trainees – 2-6 additional faculty recommended (other than the CLUS);
- >20 ACEM trainees – >6 additional faculty members.

Role and Responsibilities

- Have the breadth of knowledge and skills in performing, interpreting, documenting and acting on clinical, diagnostic and point of care ultrasound
- Provide a clinical ultrasound consultative service (when time and other prevailing commitments permit) for the Emergency Department
- Ensure that patients/families are given adequate information about management with respect to their Emergency Department point of care ultrasound
- Understands limitations and role of point of care Ultrasound, and understands indications for further medical imaging (radiology, cardiology, early pregnancy clinic, etc.)
- Oversight of Ultrasound equipment, maintenance requirements, hygiene and data storage
- Participate in non-clinical activities of the ED. This will include CME, quality improvement (audit of practice, evaluate technical quality of images, completeness of examinations, and adherence to protocols) and teaching activities.

- Working with DEM, hospital executive and IT department to ensure system of storing images/ POCUS reports and their integration to the eMR is in place.
- Maintains excellent professional interaction with other departments to support trainees and clinicians using ultrasound including Medical Imaging/Radiology department, Cardiology, Vascular surgery, Anaesthetics and any other departments where point of care ultrasound is utilised.
- Participate in and encourage other staff to undertake scientific and clinical research relevant to the practice of Emergency Medicine Ultrasound.
- With the aid of dedicated administrative staff time, oversees all administrative functions for the provision of clinician performed focused ultrasound within the Emergency Department
- Represent the Emergency Department on agreed governance and/or safety committees within the hospital and local health service.



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