***[Insert name of hospital]***

**Emergency Department**

*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. POCUS Director and Fellow roles are not a requirement for training site 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.*

## Title:

***Proposal for the establishment for a Director and Fellowship in Emergency Medicine Ultrasound at [insert hospital.***

## Purpose:

Establish a new position within DEM-US as a Director of Emergency Medicine Ultrasound and create a Fellowship in Emergency Medicine Ultrasound combining Emergency Department clinical work and Ultrasound duties within a fixed tenure.

## Scope:

Total funding to positions of Director of Emergency Medicine Ultrasound and/or Fellowship positions in ultrasound for fixed term appointments on a continuing basis.

## Proposal for:

**1) Director of Emergency Medicine Ultrasound (DEM-US)**

**2) Fellowship in Emergency Medicine Ultrasound**

Ultrasound within Emergency Departments in Australia is still in a fledgling state. There are small pockets of organisation surrounded by most departments who are doing ‘what they can’ with ‘what they’ve got’. The distribution of skills and equipment is far from uniform and there is currently no benchmark for departments to reference themselves against.

In recent years developments have mainly centred on the provision of an ultrasound portfolio to an Emergency Medicine specialist within the department and developing ‘special skills’ training positions for registrars enrolled in the ACEM training program.

At XXXX Hospital, several emergency physicians have developed advanced skills in POCUS, and this proposal is to establish a Director of Emergency Medicine Ultrasound at XXXX Hospital Emergency Department. This position will establish XXXX Hospital Emergency Department as a luminary site for the practice, training, and innovation in Emergency Department POCUS Ultrasound.

**XXXX Hospital Emergency Department**

Located in [suburb] and part of the XXXX Hospitals and Health Service, and having close links with YYYY Hospital Emergency Department, XXXX Hospital is [size, type etc] with XXX presentations per day. The emergency department currently has XX emergency physicians and is fully accredited by the Australasian College for Emergency Medicine (ACEM). A mixed adult and paediatric department comprising separate and dedicated areas seeing the wide range of presentations across all sub-specialty domains.

We have close links to medical schools at XXXX University and YYYY University with world leaders in education and research. A research unit has been established headed by Dr XXXX and incorporates the research unit for health service.

The emergency departments enjoy an excellent and close working relationship with our Medical Imaging (Radiology) department and the developing Trauma Unit. The Director of Radiology is strongly supportive of this initiative and focused ultrasound in general. These relationships and enthusiastic support for the application of ultrasound within the ED have allowed us to establish in-house training and credentialing, special skills training for registrars and nurse practitioners.

The XXXX area is a rapidly expanding area with over XXXX residents and hundreds of thousands of visitors every year (update as relevant).

**1) The Director of Emergency Medicine Ultrasound**

The Director of Emergency Medicine Ultrasound (DEM-US) will be a qualified Emergency Physician who has obtained or progressing towards formal Ultrasound qualifications (DDU, CCPU or equivalent). The DEM-US will work within the Emergency Department and utilise their Ultrasound expertise to develop a luminary site for the practice, training, and innovation in Emergency Department Ultrasound. 50% of their time will be spent working as an Emergency Physician to maintain currency and credibility within the field. The other 50% will be dedicated to practicing, training, and research with Ultrasound. The existing ultrasound training programs would be improved and expanded. Through this work, the use of ED ultrasound will be:

* More consistently available (through training more staff)
* More consistently applied (education and understanding of the roles and benefits)
* Subject to greater clinical governance.

Other benefits expected from this position are;

* Further development of the nurse practitioner/advanced nursing roles.
* Staff training to maximise the resources available
* Assist in attracting quality Specialist and Registrar staff.
* Reduce the number of patients sent out from the ED for private Ultrasounds.
* Reduce the backlog of ED patients waiting for formal in-house Ultrasounds.

Currently, most of the applications of ultrasound in ED are listed as things you ‘can’ do. The DEM-US would assist in establishing the evidence to add to the list of ED ultrasound practices that you ‘must’ do. Through the creation of a list of clinical standards and by opening the education to the whole of (xxxx hospital) there will be a flow on effect through this appointment.

The level of expertise and research within the field would result in national and international presentations on ED Ultrasound.

**Costs & Salary**

The cost of this position, Director of Emergency Medicine Ultrasound will correspond to the XXX agreement for Staff specialist salaries and awards and be commensurate on level of experience.

The current salary range is $X for [state award level]; up to $X for [relevant award level] (excluding superannuation)

Total (or partial) contribution to the salary is requested.

**2) Fellowship in Emergency Medicine Ultrasound**

Fellowships in Emergency POCUS ultrasound have a long history and recognition in several overseas health systems, particularly the United States of America, Canada, Italy, and the United Kingdom, and increasingly in Australia. This position is intended for a senior clinician (usually post specialist qualifications (e.g. FACEM, FCEM), who wishes to spend dedicated time developing skills in point of care ultrasound, clinical experience, research, teaching and higher qualifications under the supervision of a suitably qualified advanced practitioner in POCUS.

The position would combine clinical responsibility at a senior clinician level with time spent developing and practising their ultrasound skills. It is envisaged that clinical duties would constitute up to but not more than 50% of the position.

Close links to XXXX University and XXXX University exist to establish research projects in collaboration with either/or/both clinical schools. In addition, the position would participate in undergraduate education programs and eventually postgraduate education as experience allows.

The position would be supported by the Director of Emergency Ultrasound. Our close links with the departments of medical imaging, cardiology, trauma, nuclear medicine, and vascular surgery will allow the position to gain experience and skills in each field in a supported and collegiate way.

The position would also support the special skills registrar trainee to develop basic POCUS skills and gain credentialed to practice.

This position will be recurring fixed terms of 12–24 month duration.

They will work under the leadership of the Director of Emergency Ultrasound or if not appointed, will be responsible to the Director of Emergency Department and the senior specialists with the ultrasound POCUS portfolio. Additional supervisors from multidisciplinary backgrounds will include cardiology, medical imaging, and vascular surgery. The salary for this position will correspond to the [insert relevant] agreement for [tile of role] salaries and awards and be commensurate on level of experience.

**Costs & Salary**

The current salary starting point is $X p.a.

The above salary figures are based on [state] Health remuneration figures and are subject to change. Whilst all care has been taken in the accuracy of these figures, they are subject to change depending on the experience of the applicant for the positions.

Further questions and clarifications including terminology can be obtained from

CONTACT DETAILS

[insert here