



Emergency Medicine Advanced Diploma (EMAD) – Ultrasound Course requirement

Important information

Ultrasound courses that are undertaken as part of the EMAD training **DO NOT** result in the trainee being “credentialed” in ultrasound procedures (or POCUS).

For guidance about the credentialing process please refer to ACEM’s Policy on Credentialing for Emergency Medicine Ultrasonography.

https://acem.org.au/getmedia/ee68a734-7634-425d-865a-f5e17dc8b4e4/P733_Policy-on-Credentialing-for-Emergency-Medicine-Ultrasonography_v1_Aug-2019

Ultrasound to address the practical aspects of the EMAD curriculum

The purpose of the ultrasound courses in the EMAD is to allow the trainee to develop knowledge and skills as specified in the EMAD curriculum.

For an ultrasound course to address the curricula of the EMAD the course **must** meet all of the following requirements:

1. Align with ACEM’s guidelines for Ultrasound Education Programs

https://acem.org.au/getmedia/82e09118-d4c6-4a8f-9bf6-2cd7905c455c/G25-Guidelines_Ultrasound_Workshops_240817_FINAL2.aspx

2. Be a minimum length of a one full day (8 hour) face-to-face and practical course that addresses the following (as outlined in the ACEM guidelines for Ultrasound programs):
 - Demonstration of correct application protocol for emergency indication.
 - Maximum student: instructor ratio – 5:1
 - Live ultrasound models for scanning sessions, preferably including both normal subjects and patients with demonstrable pathology (e.g. peritoneal dialysis patients, patients with known abdominal aortic aneurysm). Patients or professional-grade simulators are preferable for abnormal anatomy. However, they may not always be readily available. In such cases, ultrasound cineloops showing the same pathology may be substituted. Education programs covering Focused Echo in Life Support (FELS) must fulfil the criteria outlined in the ACEM policy document.
3. Include a minimum of two (2) hours practical experience for each of the following ultrasound procedures:
 - eFAST
 - AAA
 - Ultrasound needle guided procedures:

Below are examples of courses that meet the requirements for the EMAD. If you wish to complete a course which is not on the list, please submit documentation to ACEM which shows that the course meets the requirements above, at least two months prior to enrolling in the course. This will be assessed by the EMCD Committee and you will be advised if the course has been deemed as suitable for the EMAD.

Course provider	Course name	Course location	Link
Australian Institute of Ultrasound	Introduction to Emergency Medicine Ultrasound – 5 Day POCUS Course (AAA, Lung, BELS, eFAST, Procedures)	Gold Coast, Queensland, Australia	https://www.aiu.edu.au/product-page/introductory-pocus-emergency-medicine-ultrasound
Australian Institute of Ultrasound	Introduction to Emergency Medicine Ultrasound – 5.5 Day POCUS Course (AAA, Lung, BELS, eFAST, Procedures, Early Preg)	Gold Coast, Queensland, Australia	https://www.aiu.edu.au/product-page/focused-ultrasound-all-modules-plus-early-pregnancy-5-5-days
Critical care Sonography	Point of Care Ultrasound Workshops		https://www.criticalcare-sonography.com/product/point-of-care-ultrasound-workshops
Zedu	Emergency Ultrasound Course (2 days)	Hornsby, New South Wales, Australia	https://www.asmi.edu.au/seminars/emergency-ultrasound-course/
Zedu	Introductory Ultrasound for Emergency Medicine		https://www.ultrasoundtraining.com.au/courses/introductory-ultrasound-for-emergency-medicine/
Ultrasound Imaging and Education	POCUS workshops	Various sites in New Zealand	https://www.uie.co.nz/