

SLO6- Point of Care Ultrasound Competence Entrustment Scale Guidance for Education and Training

Governance & Administration

1	Direct supervisor observation/involvement, able to provide immediate direction/ assistance
2a	Supervisor on the 'shop-floor' (e.g. ED, theatres, AMU, ICU), monitoring at regular intervals
2b	Supervisor within hospital for queries, able to provide prompt direction or assistance and trainee knows reliably when to ask for help
3	Supervisor 'on call' from home for queries, able to provide directions via phone and able to attend the bedside if required to provide direct supervision
4	Would be able to manage with no supervisor involvement (all trainees practice with a consultant taking overall clinical responsibility)

	Skills	Knowledge	Behaviours
1	Demonstrates the competent and safe use and care of the local PoCUS machine	<p>Knows the latest RCEM PoCUS syllabus (number of scans only indicative, competency is the key using the triangle of evidence)</p> <p>Knows about equipment, network, archiving, infection control (including using a sachet rather than a bottled gel- For more information refer to https://www.gov.uk/government/publications/ultrasound-gel-good-infection-prevention-practice/good-infection-prevention-practice-using-ultrasound-gel)</p> <p>Knows who is the teaching faculty, and local/regional PoCUS lead</p>	<p>Proactively seeks and complete PoCUS induction <u>before</u> using it (Including specific machine make/model training)</p> <p>Participates in local/regional teachings, including simulation and MDT</p> <p>Complete any relevant modules, and image library</p>
2a	<p>Demonstrates how the patient and scan details including report* are entered onto the machine methods as per local proc either prospectively or retrospectively after each examination.</p> <p><i>* Follows local protocol for reporting as it might be different</i></p>	<p>Knows how to remove patient identifiable information, and safely export scans for review/logbook purposes</p> <p>Knows about workflow, reporting, patient records, logbook in relation to PoCUS practice</p>	<p>Maintains a logbook of scans that is in adherence with maintaining patient confidentiality and data protection act, that is regularly reflected upon and reviewed by a mentor/supervisor with appropriate feedback</p> <p>Starts completing appropriate assessments</p>

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			Links to the appropriate RCEM SLOs on Kaizen e-portfolio
2b	Able to acquire, label, save, report the scanned images	Knows how and when to reproduce the images for a review by a supervisor as per local policy/guidelines	To appreciate the difference in ultrasound machines, including hand-held devices
3	Able to apply PoCUS selectively, appropriately, and efficiently in the correct clinical context	<p>Knows PoCUS is mostly ruling in rather than out, and what is the accuracy</p> <p>Knows PoCUS usually doesn't replace departmental ultrasound, CT or any other further imaging and evaluation (apart from certain critical/urgent situations such as haemodynamic instability/peri-arrest/arrest)</p>	<p>Applies PoCUS as an extension of clinical assessment (prevalence, pre- and post-test probabilities, sensitivity and specificity, positive and negative likelihood ratio, positive and negative predictive values)</p> <p>To be familiar and comfortable with using different ultrasound machines</p> <p>To adhere to the overall local PoCUS governance and administration</p> <p>Continue with a logbook and assessment</p>
4	Demonstrates supervision and teaching of EM PoCUS	Knows to practice within the bounds of own and the RCEM PoCUS syllabus competency	<p>To participate in PoCUS audit/QIP</p> <p>To promote general etiquette of using ultrasound machine, including basic safety, and ergonomics</p> <p>Continue to acquire /mainlining/progressing competency including CPD</p>