

## *Echo Supervision & Training Summary*

### Background

BSE departmental accreditation standards state that all independently practicing sonographers should hold BSE L2 accreditation. This document summarises the levels of practice and process for training in echocardiography. See separate document for medics undertaking FUSIC, L1 echo accreditation.

### Level of practice

1. Observation by trainee / echo simulation training
2. Training to scan - Development of practical skills under direct supervision of accredited sonographer (continuous supervision in room).
3. Training to scan & report - Further development of practical echo scanning and reporting under supervision with all images checked prior to patient leaving by accredited echocardiographer (named supervisor for each session).
4. Independent scanning with supported reporting (ie can scan list with no named supervisor but dedicated time for supported reporting). This may include portable scans on wards as well as OP lists. BSE accredited echocardiographer should be on hand for practical support as needed ie no lone working. All reports should be signed off by accredited echocardiographer.
5. Independent practice – once BSE accredited
6. Senior echocardiographer. May take on advanced roles such as valve clinic, contrast echo, stress echo etc.

### Training key points

- All trainees to have an individual training plan which is updated throughout their learning. This will reflect their practical skill development and incorporate areas of theoretical knowledge from external courses eg ETp/STP / PgCert.
- All trainees will have a named mentor who is responsible for ensuring the trainee is supported throughout their training and continues to make progress towards their training goals.
- All trainees will have dedicated training sessions with 1 hr appointments during their working week. They may also have some 45min appt lists where they work alongside an accredited echocardiographer and share the work for these sessions.
- Formal feedback form from scanning sessions once a fortnight for discussion with mentor / at monthly review.
- Monthly review meetings with \*\* (or other nominated mentor).

## Training and assessment

Stage of practice	Training to progress	Useful documents
Observation by trainee, echo simulation training	Assess level of skill / knowledge and agree training plan and timescales.	Simulator initial echo assessment form  Generic / sample training plan
Development of practical skills under direct supervision of accredited sonographer (continuous supervision in room)	Work through section A of training plan ensuring development of both practical and theoretical knowledge. Provide evidence to sign off competencies during this training via CBD, DOPS etc.  Work towards BSE theory exam.	Competency list from BSE syllabus  CBD templates from ETP?  DOPS from ETP?  Feedback sheet
Further development of practical echo scanning and reporting under supervision with all images checked prior to patient leaving by accredited echocardiographer (named supervisor for each session)	Continue section A of training plan ensuring all competencies are met. Provide evidence to sign off competencies during this training via CBD, DOPS etc.  Pass BSE theory exam.  Complete Assessment A to progress to independent scanning.	Assessment A  Competency list from BSE syllabus  CBD templates from ETP?  DOPS from ETP?  Feedback sheet
Independent scanning with supported reporting (ie can scan list with no named supervisor but dedicated time for supported reporting). This may include portable scans on wards as well as OP lists. BSE accredited echocardiographer should be on hand for practical support as needed ie no	Work through section B of training plan to ensure continued development of knowledge and skill.  Begin collecting cases for BSE logbook  Upload to BSE logbook portal and submit logbook and video cases  Attend BSE practical assessment	Competency list from BSE syllabus  CBD templates from ETP?  DOPS from ETP?  Feedback sheet  BSE logbook evidence eg previous video cases, letters of support, Dept

<p>lone working. All reports should be signed off by accredited echocardiographer.</p>		<p>SOP etc.</p>
<p>Independent practice</p>	<p>Once BSE accredited, there is usual a short period of consolidation. Recently accredited echocardiographers should be supported to authorise their own work although may need to ask advice and guidance (as will everyone due to subjective nature of the test).</p> <p>Frequent QA of their work should be undertaken with feedback and newly accredited echocardiographers should be encouraged to bring cases to echo meeting or seek advice from senior colleagues as needed particularly where findings are significant and likely to change patient management.</p>	<p>QA program including more directed QA initially for newly accredited team members.</p>
<p>Senior echocardiographer</p>	<p>May take on other advanced roles such as valve clinic, contrast echo, stress echo, echo training supervisor etc.</p>	