**TSH ED US Faculty and Roles**

**Director/US Clinical Lead**

The US Clinical Lead should hold the Certificate in Clinician Performed Ultrasound (CCPU)/ACEM credentialing in at least EFAST/AAA (+ ideally BELS). Their role is to implement a Point of Care US (PoCUS) program at TSH ED which is to include training and supervision, quality improvement and research.

Responsibilities include:

* Scan reviews for modules where CCPU held
* SEED, including any funding/TESL queries
* Introducing the SEED program to new Staff Specialists/VMOs
* Liaison with the US training companies
* Primary point of contact for technical issues with the US machines
* Website updates/revisions
* Maintenance of the google logbook
* Weekly ‘ultrasound training’ Whatapp message
* The US newsletter, SutherSound
* Representing Sutherland ED at EMUGS Clinical Leader Meetings

**US Project Lead**

The US Project Lead is another FACEM with an interest in point of Care US who holds (or is actively working towards) CCPU/ACEM credentialing in core ED modules (see above). Their role is in championing US projects in ED and being the main point of contact for the PoCUS Quality Improvement JMO.

Responsibilities include:

* Organising Fascia Iliaca Block (FIB) training days with St George Hospital
* Overseeing FIB credentialing including working towards a local FIB credentialing document
* Maintaining the audit paperwork on the US machines
* Maintenance of the google sheets logbook
* Provision of personalised electronic logbooks suitable for submission to ASUM/ACEM
* Upkeep of the Consultant SEED Sign Up Roster
* Representing Sutherland ED at EMUGS Clinical Leader Meetings

**Sonographer Educator in ED (SEED)**

The SEED is an experienced general sonographer who understands the goals of Point of care US and is familiar with CCPU/ACEM credentialing.

Ultrasound training will be directed towards Emergency Staff Specialists achieving CCPU/ACEM the following modules:

eFAST, AAA, Vascular access, Lung, Early Pregnancy, Biliary, Renal ultrasound and DVT (Basic Echo in life Support requires a sonographer that holds the Cardiac Diploma in Medical Ultrasound or Graduate Diploma in Cardiac Ultrasound)

An agreed number of teaching hours/wk will be decided with the US Clinical Lead.

Responsibilities include:

* Teaching and supervision of Staff Specialists and Registrars undergoing CCPU/ACEM credentialing
* Completing formative and summative assessments
* Escalating technical issues with the US machines to the Clinical Lead in US
* Downloading and deleting scans from the Sonosite hard-drive
* Promotion of US machine good practice, including post scan documentation and cleaning in line with TSH guidelines
* Placing their available hours in the Consultant SEED Sign Up Roster 1 month in advance
* Representing Sutherland ED at EMUGS Clinical Leader Meetings

**PoCUS Quality Improvement JMO**

The PoCUS JMO is a 6 month position for a critical care SRMO with an interest in US. It is an opportunity for them to be involved in quality improvement projects. Expressions of interest are to the US Clinical Lead and US Project Lead. The US Clinical Lead will make the final decision on who is appointed to the role.

If the JMO has had attended an accredited course in PoCUS, they can scan with the SEED on occasions where the SEED has free teaching time. This assumes the clinical demands of the department allow for this AND it has been discussed with the relevant Staff Specialist/VMO.

Responsibilities include:

* Documentation audit – every 3-6 months
* Cleaning audit – monthly
* Presenting the above audits at CEME/Registrar teaching
* Promotion of the TSH US audits and the PoCUS website (particularly where to find the audit-related clinical business rules)
* Ensuring the FIB packs are stocked (liaison with Nurse Educator Ben Crook)
* Assisting in administrative tasks related to the FIB teaching sessions