

Faculty ultrasound curriculum for UC- San Diego Pediatric Emergency Medicine physicians

Curriculum based on needs assessment survey to determine optimal applications to base education strategies and baseline ultrasound knowledge of faculty.

Target learners; PEM faculty : 25

Ultrasound trained faculty: 1 (initially now 3)

Based on above ratio, best strategy for initial educational activity:

- 2-day 16-hour introductory ultrasound course (increase bang for buck – make it a CME course). Applications taught: knobology/ physics, cardiac, lung, FAST, RUSH ,Abdomen(pyloric stenosis, appendicitis, intussusception), renal, MSK, ultrasound guided LP and venous access

(Invite ultrasound companies and US faculty / fellows from regional programs)

This course is repeated every 2 years

- Monthly US lectures
- Bi- monthly Hands on sessions with US lectures
- Weekly scanning shifts (3 x a month)
- Weekly ultrasound spotlight(report in interesting cases)
- Yearly US procedural course as part of faculty procedural simulation course

Teaching curriculum loosely based on Viera et al Acad emer med 2013

Credentialing based on faculty reaching number of scans per application as set in credentialing document(this is also loosely based on Stein JC et al ,Emergency department ultrasound credentialing: a sample policy and procedure , JEM 2009)