Primary Care Ultrasound: Lessons Learned in 10 Years of Ultrasound Training in a Rural Residency

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POCUS

Point-of-care Ultrasound
Outline

1. Personal journey with POCUS
2. Rotation journey with POCUS
3. Implementation
4. Curricular development
5. Lessons learned

Poll Question #1

Do you currently use POCUS in your practice?
   A. Yes
   B. No
Poll Question #2
Do you currently use POCUS in your practice for more than OB?
A. Yes
B. No

Background

2014 Council of Academic Family Medicine Educational Research Alliance (CERA) survey:
• Only 2.2% of FMR reported an established US curriculum
• However, 29% reported having started one in the last year
• 11.2% reported being in the process of starting curriculum
• 40% reported no plans of establishing US training

Personal Ultrasound Experience

... the narrative backdrop of the lessons learned...

Personal Ultrasound Journey

- Residency (my own)
- First years of practice
- Program Director role(s)
Private Practice Implementation

- ROI on the machine
- CME - didactic and hands-on
- Implementation
  - scanning
  - documentation
  - over-reads
  - hiring a technician

Residency Implementation

- Hospital setting
- University setting
- RTT / Rural Health Clinic setting
- THC / FQHC setting
One major “take-away” (foreshadowing) … you need a faculty ultrasound champion
Curriculum Development

- Shadowing
- Scanning
- What to read?
- What to work on first?
- Mentoring
- Evaluation

Our Curriculum

- (see handout)
- ever-evolving
- flexible and individualized
Workshops

- orientation
- academic afternoons (early)
- hands-on workshops (later in year)
- OSCEs
Recommended Books

*Point of Care Ultrasound* by Soni, Arntfield, and Kory. (1st edition, 2014; Kindle or Inkling version)

*Introduction to Bedside Ultrasound* by Matthew Dawson and Mike Mallin (iBooks or Inkling only)
Our OSCE

• (see handout)
• essential to evaluate

Sonosim Dashboard
Our Data

- Alumni using ultrasound
- PGY-3s
- PGY-2s
- PGY-1s

Lessons Learned
Ultrasound Legal Issues

• Ultrasound privileging
• POCUS vs. Departmental Ultrasound
  – .... or is ultrasound more like an MRI or more like a stethoscope?
• Credentialing issues
  – National society guidance and turf-wars
  – clinic
  – hospital
• Malpractice issues
• Reimbursement issues

Facilitated Discussion
Who is stuck?

… and Why?

• Ideas from the group

Who has had success?

… and How?

• Questions from the group
Poll Question:
Enter your email address to be included in any follow-up communication from the presenter(s).

Social Q & A
Please…

Complete the session evaluation.

Thank you.

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