Global Emergency Medicine
Ultrasound Courses
Accra, Ghana Nov 2021

University of Florida
Dr. Cassandra Clay, Dr. Joseph Pompa,
Dr. Tierra Smith, Torben K. Becker
Korle Bu Teaching Hospital
Basic Point-of-Care Emergency Ultrasound

Korle Bu Teaching Hospital

- One day course, taught three days to separate groups
- Ultrasound Basics, RUSH exam, FAST exam, Basic Echo, Early Pregnancy, Determination of Fetal Position at Term, Vascular Access, DVT
- Morning lecture session and afternoon practical session in the Accident and Emergency Centre
- 37 total attendees
ACCIDENT & EMERGENCY CENTRE
Korle Bu Teaching Hospital

Ultrasound Lectures

How useful did you find the ultrasound lectures to be?
28 responses

- 82.9% Very useful
- 7.1% Somewhat useful
- 7% Not useful

Ultrasound Practical Sessions

How useful did you find the hands-on ultrasound sessions to be?
28 responses

- 100% Very useful
Korle Bu Teaching Hospital

Before Ultrasound Course

Rate your level of skill in ultrasound PRIOR to taking this course?
28 responses

- 46.4%
- 32.1%
- 10.7%
- 6.8%

After Ultrasound Course

Rate your skills in ultrasound AFTER taking this course
28 responses

- 57.1%
- 21.4%
- 21.4%

Please rate the instructors individually.
Any Suggestions Or Recommendations For Future Courses?

- Courses should be done frequently with upgrades.
- Organize these training courses regularly
- We need more sessions; more session needed to improve
- I think it will be more useful to have more time for the hands-on training
- More hands practice next time and follow up with Advanced training
- More days, for fewer people per group hands on
- Ultrasound course should be continued at least twice a year so every medical officer that rotates through emergency gains this skill
- More time for hands on experience
- More time for practical sessions
- More training sessions should be organized
- In the future it will be helpful if the sessions where not compacted into one day
- Excellent course! More time for hands on practice would be very good.
- A brief recap of the bare theoretical essentials at each station of the practical to help re-focus the knowledge might prove useful
- More time should be allocated to the hands-on session
General Comments

- An excellent course. Keep it up!
- Well organized.
- Great presentation.
- Excellent course!
37 Military Hospital
Advanced Point-of-Care Emergency Ultrasound

- 37 Military Hospital
- Three-day course, taught to one group
- Review of Basics and Physics, RUSH exam, Pregnancy (early, advanced, fetal position), Abdomen (Renal, Biliary, Bowel), FASH/TB exam, Thyroid, Nerve Blocks, Soft Tissue, Advanced Echo, Vascular Access, DVT
- Morning lecture sessions, afternoon practical sessions in surgical ER
- 24 total attendees
ADVANCED ECHO, RUSH

FAST/ TRAUMA

PHYSICS, BASICS REVIEW
37 Military Hospital

Ultrasound Lectures

How useful did you find the ultrasound lectures to be?
23 responses

Ultrasound Practical Sessions

How useful did you find the hands-on ultrasound sessions to be?
23 responses
37 Military Hospital

Before Ultrasound Course  
Rate your level of skill in ultrasound PRIOR to taking this course?
23 responses

After Ultrasound Course  
Rate your skills in ultrasound AFTER taking this course
23 responses

Any Suggestions 
Or 
Recommendations 
For Future 
Courses?

- Should be done yearly.
- More practical sessions.
- Extend the training period.
- Focused practical sessions like was done on the last day.
- More time and hands on for the Advanced Echo portions of the course.
- More time for hands-on lessons.
- More regular training.
- More of these will go a long way to make the patient care better.
- More echo lessons.
- Course should be extended over a week with more practical sessions
- Having lecture sessions broken down to even smaller bits with interspersed hands-on practicals
- More time for hands on.
- Smaller group sizes to enable participants practice more under supervision.
- Ultrasound of the breast and breast pathologies in addition to the course material will be excellent.
- Cardiovascular lectures should be held in 2 days for better assimilation and adequate practice.
- Hopefully, the duration of the course could be extended for like a week so that training or practical sessions could be longer. Also, hoping that we are made to get familiarized with the ultrasound machine, the functions of the machine even before we start using it
- Practical nerve block for surgical procedure and central venous access
- Axillary blocks, tap blocks.
- I really enjoyed the sessions. A station for nerve blocks for the surgeons would be great. Basic MSK ultrasonography of joints would also be great.
- Course should be ran for a week to allow more time for practice
Any Suggestions Or Recommendations For Future Courses?

- Excellent course
- Good program
- I really enjoyed the sessions
Thank you