Appendix A

Background Information

1. What country did you travel to for your global health elective?
2. What was the name of the hospital or clinic at your site?
3. What type of healthcare facility did you primarily work in? Check all that apply.
   • Hospital
   • Clinic
   • Rural
   • Urban
   • Other (please specify)
4. Was there access to an ultrasound machine at your rotation?
   • Yes
   • No
   • No, not that I was aware of

Ultrasound Use During OSUCOM Global Health Elective

5. If no machine was available, do you think ultrasound would have been useful at your clinical site?
   • Yes
   • No
   • Unsure
6. If no machine was available, were any medical personnel trained in ultrasound, other than yourselves?
   • Yes
   • No
   • Unsure

Ultrasound Availability and Barriers

7. If there was an ultrasound machine, how many machines were available?
   • 1
   • 2
   • 3
   • >4
8. What type of probes were available? Check all that apply.
   • Linear
   • Phased Array (Cardiac)
   • Curvilinear (Abdominal)
   • Endoluminal (Transvaginal)
   • I’m not sure
   • Other (please specify)
9. What medical personnel utilized the ultrasound machine? Check all that apply.
   • Physician
   • Nurse
   • Midwife/CNP
   • Medical Students
   • Other (please specify)
10. What training did those using the ultrasound machine have?
    • Formal - Dedicated Coursework
    • Informal - i.e. Training from colleague
    • Self-taught
    • I’m not sure
    • Other (please specify)
11. How often were ultrasound scans performed?
    • Daily
    • 2-3 times each week
    • Once a week
    • Monthly
    • Hardly ever
12. What were the main indications for obtaining an ultrasound image?
   • Cardiac
   • Lung
   • Abdomen (FAST, Gallbladder, renal, GYN)
   • Obstetric
   • Soft tissue and MSK (cellulitis, abscess)
   • Vascular (Aorta, IVC, DVT)
   • Procedural
   • Ocular
   • Trauma
   • FASH (Focused Assessment with Sonography for HIV associated Tuberculosis)
   • Other (please specify)

13. Were there any resources to assist in image interpretation, such as a colleague or radiologist?
   • Yes
   • No

14. Did you experience any of the following barriers to ultrasound use?
   • Lack of power/electricity
   • Inadequate machinery - probes, ultrasound machines
   • Lack of ultrasound accessories, i.e. gel, probe covers
   • Image interpretation or quality control of images
   • Machine malfunction or lack of maintenance
   • Decreased ultrasound education
   • Cost

15. Please describe any additional barriers to ultrasound use not listed above?

16. Did the medical personnel you worked with seem interested in ultrasound or learning more about ultrasound?
   • Yes
   • No
   • Did not discuss

17. Do you think this site could benefit from donated ultrasound machines or ultrasound education?
   • Yes
   • No
   • I’m not sure

18. Would you recommend this site to medical students interested in using ultrasound internationally?
   • Yes
   • No

19. Do you have any other comments?