

Appendix 1



Depiction of the layout of the simulation suite, containing the edus2 simulator (laptop and simulated ultrasound probe), and the SimMan mannequin<6>.

Appendix 2

Patient Simulation Project Questionnaire

Name: _____

Date: _____

Please circle your answer for each question and write comments/concerns in the space provided below. If you feel unable to answer a question, leave it unanswered.

1. How realistic is the ultrasound simulator?

1	2	3	4	5
not at all		neutral		very much

2. How realistic were the pathologies on the ultrasound simulator?

1	2	3	4	5
not at all		neutral		very much

3. In your opinion, can bedside ultrasound techniques be taught effectively using the ultrasound simulator?

1	2	3	4	5
not at all		neutral		very much

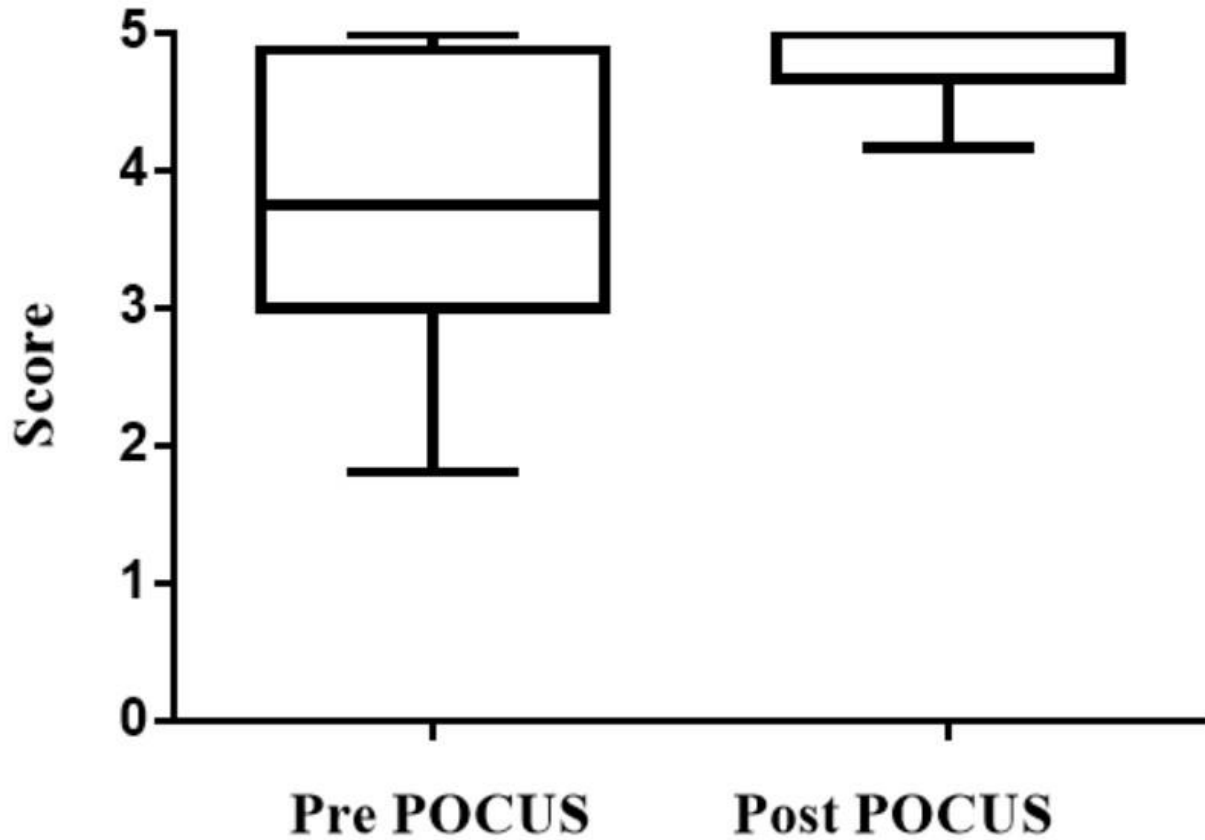
4. In your opinion, could the bedside ultrasound simulator make a significant contribution to quality assurance?

1	2	3	4	5
not at all		neutral		very much

Post simulation questionnaire completed by all participants. There was a median rating of 4 out of 5 for all items assessed.

Appendix 3

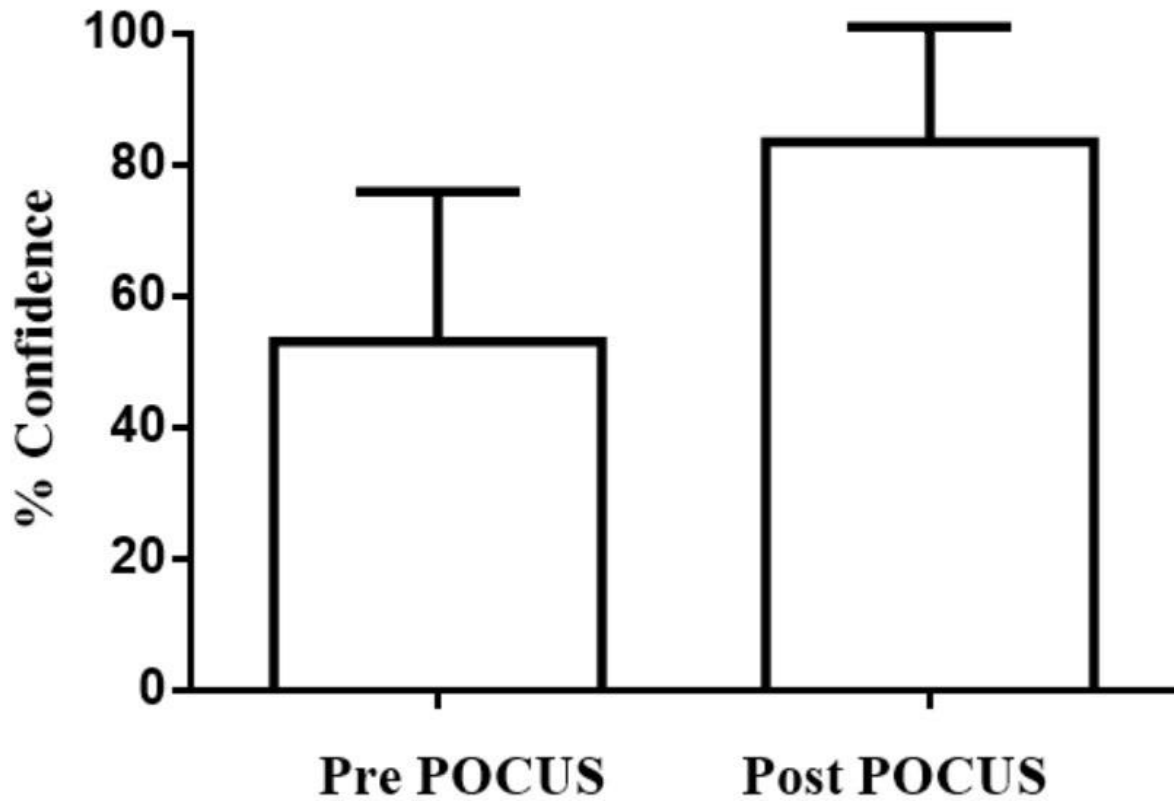
Diagnostic Rank



Change in participants' diagnostic rank scores before and after using PoCUS. The median diagnostic rank score improved from 3.8 (IQR 3.0, 4.9) to 5.0 (IQR 4.7, 5.0) following ultrasound.

Appendix 4

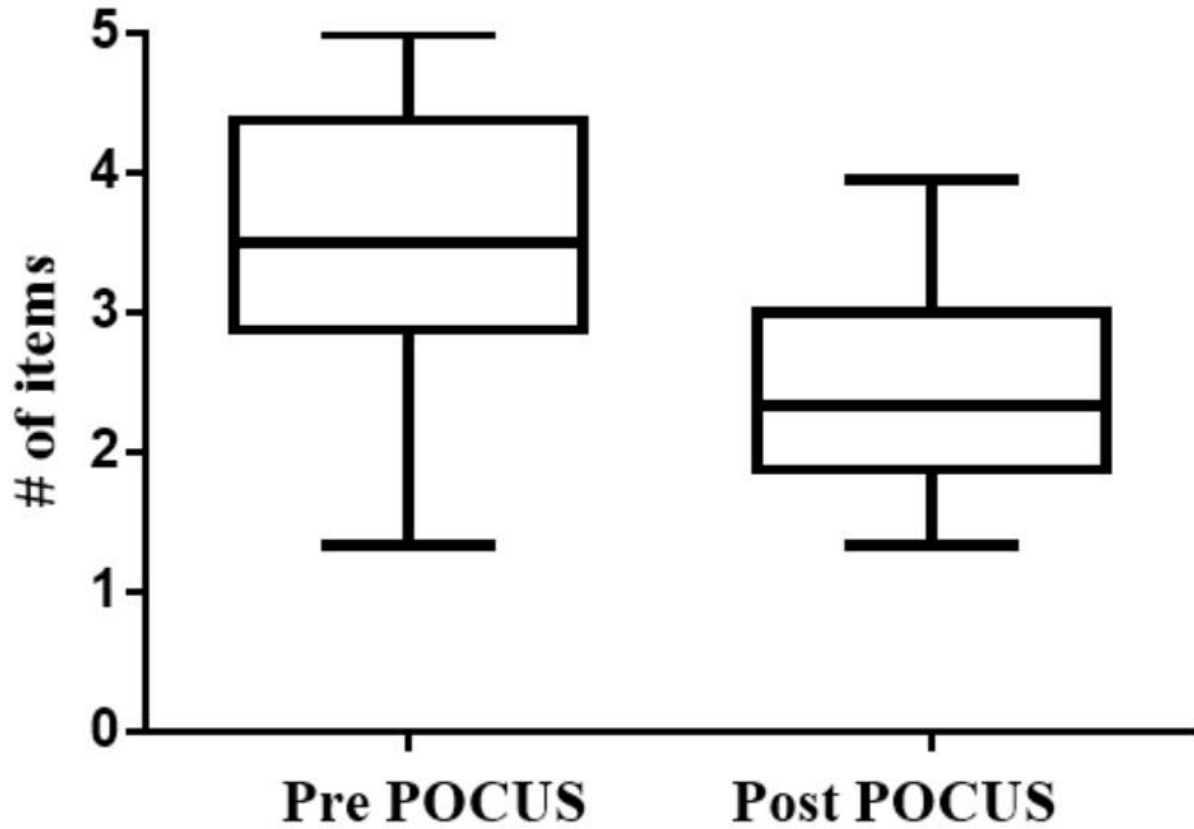
Diagnostic Confidence



Change in participants' confidence before and after use of PoCUS. Mean confidence improved from 53.1(SD22.8) to 83.5 (SD 19.1) following ultrasound.

Appendix 5

Diagnostic Precision



Change in participants' diagnostic precision before and after use of PoCUS. Median diagnostic precision scores improved from 3.5 (IQR 2.9, 4.4) to 2.4 (IQR 1.9, 3.0) following ultrasound.