

CoRIPS Award 069 – Interim Report 17/05/2012

This project is currently running on schedule with the final write up due to be handed in to City University, London in August.

Progress to Date

1. Comprehensive review of existing literature on medical simulation training and more specifically ultrasound simulation training was undertaken.
2. Pre-test and post-test assessment forms were developed and their content validity assessed by 4 experts in ultrasound training.
3. A pilot test of the assessment forms was conducted using three qualified sonographers. This enabled inter-rater reliability of two assessors who marked the stored images to be assessed.
4. 11 participants were recruited for the study and 9 of these completed their transvaginal ultrasound training and post-test assessment.
5. All participants which completed the post-test assessment then experienced both methods of ultrasound training.
6. A presentation was given to the Society of Radiographers on progress up to this point in January at the CoRIPS seminar.
7. Since then the qualitative data collection has been completed.
8. Analysis of both sets of data is now underway using SPSS for the quantitative data and theme analysis for the qualitative data.

Amendments made to original application

1. Foundation year one's were accepted as participants to the study as well in order to maximise the sample size.
2. The methodology was adapted to incorporate semi-structured interviews as opposed to focus groups due to the small sample size obtained for study and timetabling constraints of the participants. A short questionnaire was developed and completed by the participants after they had experienced both methods of ultrasound training to aid the development of interview transcripts for both the experimental and control groups.
3. A further sonographer was recruited to act as an assessor for image quality as inadequate concealment of allocation to groups prevented the researcher from undertaking this role. Despite blinding procedures being put in place a number of participants told the researcher which group they had been allocated too and had they have been disqualified for this the sample size would have been too small to continue with the project.

The next stage

1. Complete analysis of the results.
2. Reach a conclusion and provide recommendations for further research.
3. Submit final report to Society of Radiographers.
4. Disseminate findings.