INTRODUCTION
Simulation is a useful modality for teaching rare but critical skills that may not present frequently in the clinical setting. There are few studies on long term retention of skills in this setting. We sought to measure retention of simulator skills and cognitive knowledge in PGY-2 residents after a teaching session consisting of lecture, viewing a video of an in situ hybrid simulation exercise and performing a simulated breech delivery on a high fidelity simulator.

METHODS
A previously made video of a hybrid standardized patient delivering a breech presentation in the ED, using a hemipelvis model was shown to PGY-2 Emergency Medicine and OB/GYN residents. Residents then were evaluated on a simulator using a checklist. Multiple choice pre and post-test was done. Residents were re-evaluated at 1 month or 3 months.

RESULTS
13/15 residents completed the study. The mean pretest and posttest score increased from 5.7 to 7.8 after the teaching session. The improvement was retained at both one month (8 residents) and 3 months (5 residents) (7.25 and 7.6, ranges 5-9 for both groups). Mean checklist scores for performance on the simulator were 14/19 at baseline after the teaching sessions and 14/19 for both one and three month intervals. There was no difference between the performance of ED vs OB residents.

CONCLUSION
Simulation training using a previously taped standardized patient exercise and a simulator to test clinical skills is an effective method to teach and assess breech delivery skills. Residents were able to maintain skills at one and three month intervals.

REFERENCES: