

## CONFERENCE ABSTRACT

# Making the birth experience safer for everybody audit to determine knowledge retention in shoulder dystocia training: 2014 - 2015

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## Abstract

**Introduction:** Corniche is a tertiary referral hospital with an iconic presence in the community of Abu Dhabi. Since opening in 1977, 1,200 employees representing 60 nationalities support more than 8,000 births annually. The authors conducted an audit to determine the retention of knowledge within a multidisciplinary multi-cultural team in relation to PROMPT 2 shoulder dystocia training. **Hypothesis:** Organizations that have multi-cultural teams, should apply annual training due to inconstant knowledge retention levels. A pre audit was conducted over a 12 month period using an audit tool. Clinicians demonstrated 3 skills prior to the training, thereafter PROMPT training was provided on the same day. In 2015 a post audit was conducted over 12 month period, clinicians performed the same 3 skills. This study was conducted to determine the value of annual training for multi-cultural teams. Results: Hypothesis testing analysis using 2-sample T-test and Chi Square comparing the correct and incorrect method for the 3 skills, P value's was determined as  $< 0, 05$  indicating there is knowledge retention after a year interval of PROMPT 2 shoulder dystocia training. PROMPT training has contributed to reduce brachial plexus injury, hypoxic ischemic encephalopathy and term admissions to neonatal unit. **Conclusion:** Embedded knowledge is critical in healthcare practice. This study demonstrated that multidisciplinary multi-cultural team training is beneficial to knowledge retention when applied annually.