

IMPLEMENTING A STANDARDISED MANDATORY DIABETES TRAINING SESSION FOR MIDWIVES/ NURSES AT AN IRISH MATERNITY HOSPITAL.

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Abstract

Background: Following a system review of adverse events related to storage and management of insulin in the hospital group, areas of concern included the absence of a standardised approach to Diabetes Midwifery/Nursing care in the clinical areas.

Aims: To define the generic and pregnancy specific Diabetes training needs of Midwives / Nurses in a Maternity hospital, co-design, deliver six pilot accredited standardised short Diabetes training sessions and evaluate the Diabetes knowledge and opinions of the participants.

Method: The HSE Change Model (Health Service Executive, 2018c) guided the author in all the stages of the change project. The training needs analysis developed from the recent UK Diabetes training needs analysis (Hugason-briem, 2018) provided baseline information to define the needs for training. The training needs analysis was distributed to Midwives and Nurses, with an 18% response rate. Several consultations with the key stakeholders assisted the co-design of the curriculum for the training sessions. NMBI granted 4 CEU points for attendance at each training session. The pilot Diabetes skills training sessions were delivered in Jan /Feb 2019. The training sessions were evaluated using level 1 and 2 of Kirkpatrick's evaluation model (J. D. Kirkpatrick & Kirkpatrick, 2016). The initiative was evaluated using a participants pre and post training Diabetes knowledge questionnaire and a standard training evaluation form.

Results & Conclusion: The results showed a significant 17% increase in Diabetes knowledge following participation in the training ($p = .000$). The sessions were very positively evaluated as follows: - the objectives were met, presentation materials were relevant, content was easy to follow, session length was appropriate, and the pace of the session was appropriate. The Diabetes training session is transferrable to other Maternity hospitals, Universities training Midwives /Nurses and to an app. The app is now up and running in the Maternity hospital as a pilot project with a view to it, been transferable to the other Maternity hospital nationally.