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## Implementation of educational program for improving nurses' awareness regarding nursing management of pregnancy induced hypertension at obstetrical departments at three hospitals in Khartoum state

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**Background:** Hypertensive diseases during pregnancy are one of the most common complications of pregnancy. Hypertensive disorders are the second leading cause of maternal deaths, being only behind bleeding and accounting for about 14% of all maternal deaths in the world.

**Objectives:** To study the impact of educational program on nurses and nurse midwives' awareness regarding nursing managements of pregnancy induced hypertension.

**Methodology:** A pre and post-test hospital based study design was followed for this study. At obstetrical departments in three hospitals (Bashier, Turkey and Sad Abuellola) in Khartoum state, data was collected from 70 nurses and nurse midwives by structural self an administrative questionnaire for participants' awareness.

**Results:** Results revealed that there was significant improvement in participants' knowledge concerning classifications of pregnancy induced hypertension (PIH) at pre-test measurement was ( $2.29SD \pm 0.82$ ), and at post-test was ( $3.43SD \pm 1.41$ ); T value was (-3.9), the mean value of the knowledge of nurses regarding nursing role in ANC at pretest measurement was ( $2.40SD \pm 1.97$ ), and at post-test was ( $3.20SD \pm 1.61$ ); T value was (-2.6), indicating significant differences between pre and post-test measurements ( $P < 0.05$ ,  $P = 0.009$ ) and the mean value of the knowledge of nurses regarding nursing management during labor at pre-test measurement was ( $2.11SD \pm 2.01$ ), and at post-test was ( $3.03SD \pm 1.73$ ); T value was (-2.9) indicates significant differences between pre and post-test measurements ( $P < 0.05$ ). It can be concluded that there was significant impact of the educational program on nurses and midwives regarding the awareness of nursing management about pregnancy induced hypertension.

**Recommendations:** Frequent and schedule training programs should be applied for nurses and nurse midwives at the hospitals for refreshing the nursing management about pregnancy induced hypertension and. A manual or protocol containing the basic needed information about nursing management of pregnancy induced hypertension.

Notes: