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**Title:** Effectiveness of Integrated mothers health care program on knowledge, attitude and practice of pregnant women referring to the health centers of Islamshahr

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**Abstract:**

**Introduction:**
As the commitments of Islamic Republic of Iran on the millennium development goals, maternal mortality rate must be reduced to 20 in 100,000 live births up to 2015. The health professionals must educate to pregnant women for safe motherhood, child birth and newborn care based on standard determinants of IMHCP.

**Materials & Methods:**
This descriptive analytic study in order to determining of effectiveness of IMHCP on knowledge, attitude and practice of pregnant women referring to the health centers of Islamshahr, has compared means of knowledge, attitude and practice of pregnant women referring to the health centers of Islamshahr (Intervention group) and ray city (control group: only were received routine prenatal care) in 1386. The method of sampling was on purpose is included 824 pregnant women referring to the governmental health centers for postpartum care/infant vaccination during 2 months after delivery. Questionnaire was used for data collection.

**Results:**
Findings shows that means of knowledge about high risk pregnancies, personal and sexual health, dental health, common pregnancy complaints, warning signs during pregnancy and postpartum, nutrition and supplement use, breastfeeding after delivery, newborn care are increased significantly in Intervention group comparison to control group ($T=7.19, p=0.000$). There is no significant difference between means of attitude in two groups ($T=1.3, p=0.2$). The means of practice about common pregnancy complaints, supplement use, postpartum care visits and newborn care are increased significantly in Intervention group comparison to control group ($T=10.3, p=0.000$).

**Conclusion:**
Absence of significant difference between means of attitude, and practice of prenatal care sessions breastfeeding after delivery and contraception use and postpartum care visits of two groups indicates on need to use of educational methods such as role playing, visual tapes and group discussion in order to induce positive attitude and practice, moreover performance of educational program.

**Knowledge, attitude, practice, IMHCP, pregnant women, prenatal care, postpartum care**

**Presentation:** Poster