

## Knowledge, Attitude and Practice of Pregnant Women toward Antenatal Care at Public Hospitals in Sana'a City-Yemen

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**Abstract :** Background: Antenatal care can be defined as the care provided by skilled healthcare professionals to pregnant women and adolescent girls to ensure the best health conditions for both mother and baby during pregnancy. The components of ANC include risk identification; prevention and management of pregnancy-related or concurrent diseases; and health education and health promotion. The aim of this study: to assess the knowledge, attitude, and practice of pregnant women regarding antenatal care. Methodology: A descriptive KAP study was conducting in public hospitals in Sana'a City-Yemen. The study population was included all pregnant women that intended to the prenatal department and clinical outpatient department, the final sample size was 371 pregnant women, a self-administered questionnaire was used to collect the data, statistical package for social sciences SPSS was used to data analysis. The results: Most (79%) of pregnant women were had correct answers in total knowledge regarding antenatal care, and about two-thirds (67%) of pregnant women were had performance practice regarding antenatal care and two-third (68%) of pregnant women were had a positive attitude. Conclusions & Recommendations: We concluded that a significant association between overall knowledge and practice level toward antenatal care and demographic characteristics of pregnant women, women (residence place, level of education, did your husband support you in attending antenatal care and place of delivery of the last baby), at ( $P\text{-value} \leq 0.05$ ). We recommended more education and training courses, lecturers and education sessions in clinical facilitators focused ANC, which relies on evidence-based interventions provided to women during pregnancy by skilled healthcare providers such as midwives, doctors, and nurses.

**Keywords :** antenatal care, knowledge, practice, attitude, pregnant women

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