

FACTORS AFFECTING ANTENATAL CARE SERVICE UTILIZATION

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ABSTRACT

Background: Antenatal care (ANC) is essential for protecting the health of women and their unborn children. Through this form of preventive health care, women can learn from skilled health personnel about healthy behaviors during pregnancy, better understand warning signs during pregnancy and childbirth, and receive social, emotional, and psychological support at this critical time in their lives. This study aimed to analyze factors affecting ANC service utilization.

Subjects and Method: This was a mixed-method study conducted at the Simpang Kiri Health Center, Subulussalam, Aceh from February to July 2023. A total of 83 pregnant women were selected for this study. The dependent variable was ANC service utilization. The independent variables were education, knowledge, attitude, income, parity, support health workers, distance to health services, and maternal health. The qualitative data was collected by in-depth interviews. The quantitative data was collected by questionnaire and analyzed by multiple logistic regression.

Results: The use of ANC service in pregnant women decreased with low education (aOR= 0.02; 95% CI= 0.01 to 0.10; $p < 0.001$); poor knowledge (aOR= 0.02; 95% CI= < 0.01 to 0.20; $p < 0.001$); low income (aOR= 0.18; 95% CI= 0.03 to 0.99; $p < 0.001$); lack of support from health workers (aOR= 0.04; 95% CI= 0.01 to 0.39; $p < 0.001$), and they were statistically significant. Negative attitudes, multi-parity, long distance to health services, and poor maternal health, also decreased the use of ANC service, but they were statistically non-significant.

Conclusion: Low education, poor knowledge, low income, and lack of support from health workers, reduce the use of ANC service. Negative attitude, multi-parity, long distance to health services, and poor maternal health, decrease the use of ANC service, but they are statistically non-significant.

Keywords: antenatal care, health service, pregnant women.

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