

## HUBUNGAN KUALITAS ANTENATAL CARE DENGAN KEJADIAN KEGAWATDARURATAN OBSTETRI DI KABUPATEN ACEH UTARA

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| Article Info                                                                                                                                                                                      | ABSTRAK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <p><b>Article History:</b><br/> Received 21/08/2026<br/> Revised -<br/> Accepted 02/09/2026</p> <hr/> <p><b>Keywords:</b><br/> Antenatal Care<br/> Quality Of Care<br/> Obstetric Emergencies</p> | <p>Kegawatdaruratan obstetri masih menjadi tantangan kesehatan global. Salah satu upaya pencegahan melalui pelayanan Antenatal Care (ANC) yang tidak hanya mencakup jumlah kunjungan, tetapi juga kualitas pemeriksaan kehamilan. ANC yang berkualitas dapat mendeteksi risiko sejak dini, memberikan intervensi, serta menurunkan kemungkinan terjadinya kegawatdaruratan obstetri. Tujuan penelitian menganalisis hubungan kualitas ANC dengan kejadian kegawatdaruratan obstetri di Kabupaten Aceh Utara. Metode penelitian menggunakan desain analitik observasional dengan pendekatan kasus-kontrol menggunakan data sekunder. Sampel berjumlah 158 responden yang terdiri dari 79 kelompok kasus dan 79 kelompok kontrol. Kualitas ANC dalam penelitian ini dioperasionalkan berdasarkan kesesuaian pelayanan ANC dengan kategori standar dan tidak standar. Analisis menggunakan uji Chi-Square dan dikonfirmasi dengan Fisher's Exact Test. Hasil pada kelompok kasus yaitu 63 responden (79,7%) mendapatkan ANC standar dan 16 responden (20,3%) mendapatkan ANC tidak standar. Pada kelompok kontrol, 75 responden (94,9%) mendapatkan ANC standar dan 4 responden (5,1%) mendapatkan ANC tidak standar. Terdapat hubungan yang bermakna antara kualitas ANC dengan kelompok kasus-kontrol berdasarkan uji Chi-Square (<math>p=0,004</math>). Hasil Fisher's Exact Test juga menunjukkan hubungan yang bermakna (<math>p=0,007</math>). Proporsi ANC tidak standar pada kelompok kasus lebih tinggi dibandingkan kelompok kontrol, yaitu 20,3% dibandingkan 5,1%, atau sekitar empat kali lebih besar. Kesimpulan yaitu kualitas ANC berhubungan secara bermakna dengan kejadian kegawatdaruratan obstetri di Kabupaten Aceh Utara. ANC tidak cukup hanya berorientasi pada jumlah kunjungan, tetapi perlu menjamin pemenuhan komponen pelayanan sesuai standar, termasuk deteksi faktor risiko, pemeriksaan ibu dan janin, skrining penyakit/komplikasi, konseling, tata laksana awal, serta rujukan tepat waktu. Penguatan ANC berkualitas perlu menjadi bagian strategis pencegahan kegawatdaruratan obstetri dan percepatan penurunan kematian maternal.</p> <p><b>ABSTRACT</b><br/> <i>Obstetric emergencies remain a global health challenge. One preventive measure is the provision of Antenatal Care (ANC), which encompasses not only the number of visits but also the quality of pregnancy assessments. High-quality ANC enables early risk detection and intervention, thereby reducing the likelihood of obstetric emergencies. This study aimed to analyze the relationship between ANC quality and the incidence of obstetric emergencies in North Aceh Regency. An observational analytic study design with a case-control approach was employed using</i></p> |

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*secondary data. The sample consisted of 158 respondents, divided into a case group (n=79) and a control group (n=79). ANC quality was operationalized based on whether the services provided met standard or non-standard categories. Data were analyzed using the Chi-Square test and confirmed with Fisher's Exact Test. Results showed that in the case group, 63 respondents (79.7%) received standard ANC and 16 (20.3%) received non-standard ANC. In the control group, 75 respondents (94.9%) received standard ANC and 4 (5.1%) received non-standard ANC. The Chi-Square test revealed a significant association between ANC quality and the case-control groups ( $p=0.004$ ), a finding confirmed by Fisher's Exact Test ( $p=0.007$ ). The proportion of non-standard ANC was higher in the case group compared to the control group (20.3% vs. 5.1%), representing a fourfold difference. In conclusion, ANC quality is significantly associated with the incidence of obstetric emergencies in North Aceh Regency. ANC should not focus solely on the number of visits; it must ensure the delivery of service components according to standards, including risk factor detection, maternal and fetal assessments, screening for diseases and complications, counseling, initial management, and timely referral. Strengthening high-quality ANC must be a strategic component of efforts to prevent obstetric emergencies and accelerate the reduction of maternal mortality.*

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