

## RESEARCH ARTICLE

# Factors affecting postnatal care service utilization in Pyuthan district: A mixed method study

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## Abstract

The first hours, days, and weeks following childbirth are critical for the well-being of both the mother and newborn. Despite this significance, the postnatal period often receives inadequate attention in terms of quality care provision. In Nepal, the utilization of postnatal care (PNC) services remains a challenging issue. Employing a facility-based concurrent triangulation mixed-method approach, this study aimed to identify factors associated with PNC service utilization, as well as its facilitators and barriers. A quantitative survey involved 243 mothers who had given birth in the six months preceding the survey, selected using a multi-stage sampling technique from six health facilities of two randomly selected local levels of the Pyuthan district. Weighted multivariate logistic regression was employed to identify predictors of PNC service utilization. Additionally, qualitative analysis using Braun and Clarke's six-step thematic analysis elucidated facilitators and barriers. The study revealed a weighted prevalence of PNC service utilization as per protocol at 38.43% (95% CI: 32.48–44.74). Notably, Socioeconomic status (AOR=3.84, 95% CI: 2.40–6.15), place of delivery (AOR=1.86, 95% CI: 1.16–3.00), possessing knowledge of postnatal care (AOR = 6.75, 95% CI: 3.39–13.45) and access to a motorable road (AOR = 6.30, 95% CI: 3.94–10.08) were identified as predictors of PNC service utilization. Triangulation revealed knowledge on PNC, transportation facilities, PNC home visits, and postpartum weaknesses to visit health facility as areas of convergence. Conversely, divergent areas included the proximity of health facilities and the effect of COVID-19. The study identified a low prevalence of PNC service utilization in the district. To enhance utilization, targeted interventions to increase awareness about postnatal care, appropriate revision of existing policies, addressing wider determinants of service utilization, and ensuring effective implementation of PNC home-visit programs are of utmost importance.

# Factors Affecting Utilization Of Postnatal Care Service In

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*Neonatal health in low- and middle-income countries* Britt Nakstad, Ashish K. C., Andrew Steenhoff, Susan Coffin, 2023-05-05

*Maternal Health Services Utilization in Sub-Saharan Africa, vol I* Tafadzwa Dzinamarira, Grant Murewanhema, Mambo Claude Muvunyi, 2025-11-13 Maternal health is a global priority and significant progress has been made in reducing maternal mortality rates in recent decades However disparities persist with Sub Saharan Africa and South Asia accounting for the majority of maternal deaths worldwide Maternal health services are essential for reducing maternal mortality and improving maternal outcomes However a number of factors including individual household community and health system factors can affect whether or not women use these services In resource limited settings a number of factors can affect whether or not women use maternal health services These factors include individual characteristics such as age education level income employment status and marital status household factors such as income number of children and decision making power community factors such as distance to health facilities quality of care cost of services and attitudes towards maternal health and health system factors such as availability of skilled health workers essential drugs and supplies and emergency obstetric care

*Population, Sanitation and Health* Asraful

Alam,Rukhsana,Nazrul Islam,Bappa Sarkar,Ranjan Roy,2023-11-21 This book provides analyses of sanitation health population dynamics and demographic variables from different perspectives including data science statistics modeling economics and natural sciences to inform sustainable decision making and policies related public health and hygiene and in mainly rural and impoverished areas The structure is arranged into three broad sections Part I Population Dynamics Environment and Society Part II Health Livelihood and Policy Response and Part III Water Sanitation and Hygiene WASH The book makes recommendations for policymakers on designing and delivering social protection policies to deal with different aspects of water health sanitation population and hygiene taking the needs of women and rural communities into special consideration It also aims to educate students and early career researchers to help them develop novel approaches for sustainability with environmentally sound practices

**The Epidemiology of Missed and Delayed Medical Diagnosis: Implications for Health Equity and Public Health** Kenneth A. Mundt,Doug Salvador,Ronald Wyatt,2025-06-12 Preventing diagnostic errors including missed and delayed diagnosis improves patient safety and saves lives While epidemiological research on patient safety has increased since the US National Academies Institute of Medicine now NASEM published 2000 To Err Is Human Building a Safer Health System progress toward understanding the nexus of conditions and factors that cause or contribute to diagnostic error has been measured Impeding progress are perceptions that diagnostic errors primarily arise from inadequate medical training overworked and stressed providers and innocent mistakes and subsequently that interventions should focus on training and clinical management However additional aspects that potentially affect diagnostic accuracy have been identified effective communication and patient engagement especially in multilingual and multicultural groups where perceptions and beliefs may not be shared or understood medical conditions with ambiguous signs and or vague symptoms settings with limited access to advanced technologies social cultural and economic structures and organization and management of care delivery Recent epidemiological studies indicate that diagnostic errors vary considerably across sociodemographic cultural and socioeconomic groups suggesting that underlying determinants range well beyond the clinical encounters and settings

Saving mothers and babies for the new world Zaleha Abdullah Mahdy,Azanna Ahmad Kamar,Hamizah Ismail,Fook-Choe Cheah,David Alan Ellwood,Ranjan Pejave,2023-10-25 Care during pregnancy and early childhood for growth and development in low- and middle- income countries Nita Bhandari,Jai Das,Ravi Prakash Upadhyay,Ranadip Chowdhury,Bireshwar Sinha,Sunita Taneja,2024-01-22

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