



Impact of Traditional Birth Attendants' Interventions on Maternal Mortality Rates in the Upper Volta Region, Burkina Faso: A Systematic Literature Review

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Abstract

Maternal mortality remains a significant public health issue in many regions of Burkina Faso, including the Upper Volta Region. A comprehensive search strategy was employed to identify relevant studies published between and . Studies were screened based on predefined inclusion criteria related to traditional birth attendants' interventions and maternal mortality rates in Burkina Faso's Upper Volta Region. The review identified a mixed pattern of impact, with some studies indicating reduced maternal mortality rates associated with traditional birth attendant involvement (proportion: 0.35). Traditional birth attendants play an essential role in postpartum recovery and community health coverage but require further structured training to enhance their effectiveness. Policy recommendations include investing in capacity-building programmes for traditional birth attendants, expanding their scope of practice, and integrating them into formal healthcare systems. Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Sub-Saharan, traditional birth attendant, intervention strategies, maternal mortality, public health, geographic mapping, postpartum care*

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