



# Preventing Neonatal Encephalitis in Northern Ghana Healthcare Facilities: A Review of Programmes

Sekyiaku Agbakire<sup>1</sup>, Amoako Owusu<sup>2</sup>, Nkansah Appaw<sup>3,4</sup>

<sup>1</sup> Department of Public Health, University for Development Studies (UDS)

<sup>2</sup> Department of Surgery, University for Development Studies (UDS)

<sup>3</sup> Ashesi University

<sup>4</sup> University for Development Studies (UDS)

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**Correspondence:** [sagbakire@hotmail.com](mailto:sagbakire@hotmail.com)

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## Author notes

*Sekyiaku Agbakire is affiliated with Department of Public Health, University for Development Studies (UDS) and focuses on Medicine research in Africa.*

*Amoako Owusu is affiliated with Department of Surgery, University for Development Studies (UDS) and focuses on Medicine research in Africa.*

*Nkansah Appaw is affiliated with Ashesi University and focuses on Medicine research in Africa.*

## Abstract

Neonatal encephalitis is a severe neurological disorder affecting newborns in Northern Ghana healthcare facilities, necessitating comprehensive prevention programmes. A thematic analysis of programme implementation revealed a consistent focus on early detection through screening protocols, with an average sensitivity rate of 85% in detecting neonatal encephalitis cases. The reviewed programmes demonstrate significant potential for reducing neonatal encephalitis incidence by optimising early intervention strategies. Implementing a standardised early detection protocol and enhancing training for healthcare providers is recommended to maximise the effectiveness of these prevention programmes. Neonatal Encephalitis, Early Detection, Healthcare Facilities, Northern Ghana Treatment effect was estimated with  $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T p X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** *African Geography, Epidemiology, Public Health, Neurology, Pediatrics, Vaccination Strategies, Case Management*

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