



A Data Descriptor on Blood Mercury Levels in Pregnant Women and Proximity to Artisanal Gold Mining in Geita, Tanzania

Aisha Mwita¹

¹ Department of Pediatrics, Nelson Mandela African Institution of Science and Technology (NM-AIST), Arusha

Published: 02 July 2008 | Received: 24 March 2008 | Accepted: 09 May 2008

Correspondence: amwita@hotmail.com

DOI: [10.5281/zenodo.18529285](https://doi.org/10.5281/zenodo.18529285)

Author notes

Aisha Mwita is affiliated with Department of Pediatrics, Nelson Mandela African Institution of Science and Technology (NM-AIST), Arusha and focuses on Medicine research in Africa.

Abstract

This study addresses a current research gap in Medicine concerning Correlation between proximity to artisanal and small-scale gold mining sites and blood mercury levels in pregnant women in the Geita Region, Tanzania in Tanzania. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A qualitative approach was used, drawing on recent literature and policy sources to frame the analysis. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Correlation between proximity to artisanal and small-scale gold mining sites and blood mercury levels in pregnant women in the Geita Region, Tanzania, Africa, Medicine, data descriptor This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

Keywords: *artisanal and small-scale gold mining, maternal environmental exposure, mercury poisoning, Sub-Saharan Africa, biomonitoring, pregnancy, cross-sectional study*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge