

6-13-2019

Multifocal Assessment Reveals Anemia-related Program Gaps and Implementation Challenges in Ghana (P10-088-19)

Brenda Abu

Rochester Institute of Technology

Rachel Stefanic

Rochester Institute of Technology

Olivia Garror

Rochester Institute of Technology

Nicole Buttner

Rochester Institute of Technology

Kingsley Pereko

University of Cape Coast

See next page for additional authors

Follow this and additional works at: <https://scholarworks.rit.edu/article>

Recommended Citation

Brenda Abu, Rachel Stefanic, Olivia Garror, Nicole Buttner, Kingsley Pereko, Adam Sandow, Multifocal Assessment Reveals Anemia-related Program Gaps and Implementation Challenges in Ghana (P10-088-19), *Current Developments in Nutrition*, Volume 3, Issue Supplement_1, June 2019, nzz034.P10-088-19, <https://doi.org/10.1093/cdn/nzz034.P10-088-19>

This Article is brought to you for free and open access by the Faculty & Staff Scholarship at RIT Scholar Works. It has been accepted for inclusion in Articles by an authorized administrator of RIT Scholar Works. For more information, please contact ritscholarworks@rit.edu.

Authors

Brenda Abu, Rachel Stefanic, Olivia Garror, Nicole Buttner, Kingsley Pereko, and Adam Sandow

Multifocal Assessment Reveals Anemia-related Program Gaps and Implementation Challenges in Ghana (P10-088-19)

Brenda Abu, Rachel Stefanic, Olivia Garror, Nicole Buttner, Kingsley Pereko, Adam Sandow

Current Developments in Nutrition, Volume 3, Issue Supplement_1, June 2019, nzz034.P10-088-19, <https://doi.org/10.1093/cdn/nzz034.P10-088-19>

Published: 13 June 2019

 PDF [Split View](#) [Cite](#) [Permissions](#) [Share](#)

Abstract

Objectives

Despite existing program efforts in Ghana, incidence of childhood anemia remain high. This study describes existing childhood anemia prevention and treatment strategies and assessed implementation gaps.

Methods

A cross-sectional study using purposive sampling/snowballing technique identified organizations implementing childhood anemia prevention and treatment programs. Interview guides constructed around UNICEF's conceptual framework of malnutrition identified programs addressing each cause of anemia. Interviews were administered via in-person and phone in August 2018. Interviews were audio-recorded, transcribed, and coded/analyzed using Dedoose software version 8.1.8.

Results

Twenty-five officials from Universities ($n = 2$), local non-governmental ($n = 4$), government departments ($n = 6$) and international ($n = 2$) agencies completed interviews. Reported contextual immediate causes of anemia were malaria, diarrhea, worm infestation and inadequate dietary intake. All organizations implemented programs addressing ≥ 1 of the immediate causes, with many overlapping programs from different organizations addressing inadequate dietary intake in the same district. Government-assisted programs and Universities reported national scope; non-governmental/private organizations had regional/district focus. The contextual underlying causes reported were inadequate nutrition knowledge, food safety and environmental hygiene, food insecurity and health services. All organizations were implementing programs addressing ≥ 1 of these underlying causes. Few programs addressed the reported basic causes namely, inadequate human resources ($n = 5$) and housing/water/toilet facilities ($n = 3$) and poverty/financial resources ($n = 2$). Reported program gaps included inadequate human resources and scarce funding for projects. The main observed gap was insufficient communication and integration between programs implementer.

Conclusions

Multiple programs, sometimes with overlapping focus in the same region were addressing anemia. Re-designing programs to prioritize communication between current program may result in efficient use of limited funding and human resources. New programs may focus on improving financial investment in programs and more personnel.

Funding Sources

RIT Miller Chair Grant for Global Experiential Research.

Issue Section: [Global Nutrition](#)