

# Knowledge, Attitude, and Practices of Mothers Working as Nurses Toward Multidrug-Resistant: Impact of an Educational Program in Neonatal Intensive Care Unit [Letter]

Isak Roberth Akollo 

Department of Nursing, Universitas Kristen Indonesia Maluku, Ambon, Maluku, Indonesia

Correspondence: Isak Roberth Akollo, Department of Nursing, Universitas Kristen Indonesia, Jl. Ot pattimaipauw, Ambon, Maluku, Indonesia, Email robijurnal@gmail.com

## Dear editor

I have read the research article entitled “Knowledge, Attitude, and Practices of Mothers Working as Nurses Toward Multidrug-Resistant: Impact of an Educational Program in Neonatal Intensive Care Unit” by Sawsan Abuhammad, Dalya Alwedyan, Shaher Hamaideh, Mohammed AL-Jabri.<sup>1</sup> I would like to congratulate the authors on this successful article, and make contributions. This research provides valuable insight into the MDRO program in improving NICU nurses’ knowledge, attitudes and practices.

Although, this research has advantages this research also has several limitations. 1) this study focused only on nurses working in a specific NICU, which may limit the generalizability of the study results to other healthcare or settings with different healthcare practices and resources. To address this limitation, future research needs to expand the scope of research to settings with different health care practices and resources.<sup>2</sup> 2) The results of this study were evaluated immediately post-intervention, so the results of the study may not capture the long-term impact of the educational intervention in maintaining changes in nurses’ knowledge, attitudes, and practices over time. To address this limitation, future research needs to consider the use of longitudinal studies. The use of longitudinal studies aims to observe changes in nurses’ attitudes, knowledge and practices over time in order to provide a more comprehensive understanding of the effectiveness of educational interventions.<sup>3</sup> 3) this research cannot take into account external factors that can influence nurses’ behavior towards MDROs, such as individual experience, length of work, and workload. To address this limitation, future research needs to consider the use of mixed methods, such as quantitative survey methods and qualitative interviews or focus group discussions. This aims to gain deeper insight into the factors that influence the behavior of health service workers towards MDRO.<sup>4</sup>

## Disclosure

The author reports no conflicts of interest in this communication. The author alone is responsible for the content and writing of this letter.

## References

1. Abuhammad S, Alwedyan D, Hamaideh S, AL-Jabri M. Knowledge, attitude, and practices of mothers working as nurses toward multidrug-resistant: impact of an educational program in neonatal intensive care unit. *Infect Drug Resist.* 2024;17:1937–1950. doi:10.2147/IDR.S461188
2. Akollo IR, Lameky VY. Knowledge, attitudes, and practices among middle-aged and elderly population towards ultrasound screening for strokes [Letter]. *J Multidiscip Healthc.* 2024;17:407–408. doi:10.2147/JMDH.S459938
3. Caruana EJ, Roman M, Hernández-Sánchez J, Solli P. Longitudinal studies. *J Thorac Dis.* 2015;7(11):E537–E540. doi:10.3978/j.issn.2072-1439.2015.10.63
4. Sharma D, Bidari S, Bidari D, Neupane S, Sapkota R. Exploring the mixed methods research design: types, purposes, strengths, challenges, and criticisms. *Global Acad J Linguist Literat.* 2023;5(1):3–12. doi:10.36348/gajll.2023.v05i01.002

Dove Medical Press encourages responsible, free and frank academic debate. The content of the Infection and Drug Resistance 'letters to the editor' section does not necessarily represent the views of Dove Medical Press, its officers, agents, employees, related entities or the Infection and Drug Resistance editors. While all reasonable steps have been taken to confirm the content of each letter, Dove Medical Press accepts no liability in respect of the content of any letter, nor is it responsible for the content and accuracy of any letter to the editor.

## Infection and Drug Resistance

Dovepress

### Publish your work in this journal

Infection and Drug Resistance is an international, peer-reviewed open-access journal that focuses on the optimal treatment of infection (bacterial, fungal and viral) and the development and institution of preventive strategies to minimize the development and spread of resistance. The journal is specifically concerned with the epidemiology of antibiotic resistance and the mechanisms of resistance development and diffusion in both hospitals and the community. The manuscript management system is completely online and includes a very quick and fair peer-review system, which is all easy to use. Visit <http://www.dovepress.com/testimonials.php> to read real quotes from published authors.

Submit your manuscript here: <https://www.dovepress.com/infection-and-drug-resistance-journal>

<https://doi.org/10.2147/IDR.S480707>