

Need and Important of Implementation Research in Nepal

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INTRODUCTION

In recent years, Nepal has witnessed a significant increase in the number of research studies conducted across health fields. These studies have successfully highlighted critical issues, provided valuable insights, and established a solid foundation for further investigation. However, the focus has primarily been on problem identification, with limited attention given to implementation research. The implementation research in health is a vital component of evidence-based decision-making processes. It focuses on understanding the challenges and barriers faced during the implementation of interventions, as well as assessing the effectiveness of these interventions in real-world settings. By evaluating what works and what does not, implementation research serves as a bridge between research findings and tangible solutions, ensuring that efforts are directed towards interventions that give the desired impact.

Despite the importance of implementation research, it continues to be a neglected field of study worldwide, partly because of a lack of understanding regarding what it is and what it offers, and partly because of a lack of investment in implementation research activities. In Nepal, some implementation research has been conducted recently, but it is still preliminary stage. The recent scoping review suggests that the vast majority of the implementation research conducted in Nepal has focused on understanding the contextual facilitators and barriers to implementation; only a few studies have examined implementation strategies and implementation outcomes.

Implementation research in health offers several benefits that contribute to evidence-based decision-making, improved programme implementation, and enhanced outcomes. Some key benefits of implementation research are:

1. Bridging the Gap between Health Problems and Effective Solutions:

Primary research in Nepal has successfully identified critical problems and challenges across various sectors. However, mere problem identification is not sufficient to drive change. Implementation research is vital in addressing the gap between problem identification and solution implementation. By systematically studying the factors influencing the successful adoption and scale-up of interventions, implementation research can provide evidence-based strategies to overcome implementation barriers and ensure effective solutions.

2. Optimizing Resource Allocation:

Nepal, like many developing nations, faces resource constraints. Implementation research plays a crucial role in optimizing resource allocation by evaluating the cost-effectiveness and feasibility of interventions. It enables policymakers to make informed decisions about investing resources in interventions that have a high likelihood of success, maximizing impact, and minimizing waste.

3. Strengthening Health Policy Development:

Sound health policy development requires evidence-based decision-making. Implementation research generates robust evidence on the effectiveness and efficiency of interventions, providing policymakers with valuable insights. It enables policymakers to design and implement policies that are grounded in empirical evidence, leading to more effective and sustainable solutions.

4. Building Sustainable Health Systems:

Implementation research focuses on understanding the complexities of integrating interventions into existing health systems. By studying the contextual factors, stakeholder engagement, and capacity-building requirements, implementation research helps build sustainable health systems that can effectively deliver and sustain interventions beyond research studies. This approach ensures long-term impact and creates a culture of continuous improvement.

5. Enhancing Capacity and Collaboration in Health:

Engaging in implementation research fosters collaboration between researchers, policymakers, and implementers. It builds research capacity, promotes interdisciplinary approaches, and nurtures a culture of evidence-based decision-making. Through collaborations, stakeholders can share knowledge, expertise, and best practices, further strengthening the implementation of interventions.

CONCLUSION

Nepal must prioritize implementation research as a critical component of its health research agenda. By focusing on implementation strategies, resource optimization, and evidence-based decision-making, implementation research can bridge the gap between identifying problems and implementing effective solutions. Policymakers, researchers, and stakeholders including Nepal Health Research Council must collaborate and invest in implementation research initiatives to drive positive change in the country.

REFERENCES

1. Peters, D. H., Adam, T, Alonge, O., Agyepong, I. A., & Tran, N. Implementation research: what it is and how to do it. *BMJ* 2013, 347, f6753. doi: 10.1136/bmj.f6753
2. Peters DH, Tran NT, Adam T. Implementation research in health: a practical guide. Geneva: World Health Organization; 2013.
3. Shrestha A, Jha N. Implementation Research in Nepal –A Scoping Review, 2015-2022. *Europasian J Med Sci.* 2022, Dec.27;40. Available from: <https://www.europasianjournals.org/ejms/index.php/ejms/article/view/456>