

Working Towards Increasing Childhood Vaccine Rates: Quality Improvement

Kaitlyn Loewenstein

Lakeview College of Nursing

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Improving vaccine rates is crucial for public health with regard to preventing infectious diseases. Given that the healthcare industry is constantly evolving, quality improvement in nursing is crucial. Quality improvement aims to identify poor outcomes and figure out how to transform them into ideal ones. The Quality and Safety Education for Nurses (QSEN) framework is widely recognized for how nurses and other healthcare professionals deliver care. Implementing quality improvements prioritizes the objective of patient-centered care, raising the probability of precise findings and ideal patient outcomes. These quality improvement standards seek consistent care through data-driven studies and evidence-based methods, reducing the possibility of failures, adverse outcomes, and errors in healthcare systems (QSEN Institute, 2020).

Article Summary

This article highlights the declining rates of vaccines in childhood. This article conducted a systematic review that included both qualitative and quantitative research investigating parental beliefs about vaccine mandates and factors associated with support for mandatory vaccination schemes. Qualitative research provided information on how parents feel about immunization requirements. According to studies, parents resented immunization programs that offered financial incentives because they felt like they were violating their rights. While forced vaccination programs boost vaccine uptake rates, they also cause inequality among vulnerable populations and run the risk of provoking opposition from some parents (Louise et al., 2021).

Introduction

This research study examines the declining vaccination rates for children. The article highlights the reasons people are against vaccinating. This article is related to quality improvement because it speaks about the barriers to vaccines that cause people not to want to vaccinate their children.

The effect of vaccination mandates on vaccination beliefs and attitudes should be considered when choosing whether to mandate vaccinations for children (Louise et al., 2021). The study aimed to understand how parents felt about vaccine requirements and the factors contributing to their support for such programs.

Overview

Despite the fact that vaccinations have significantly decreased morbidity and mortality for a number of diseases, some parents opt not to vaccinate their children. The UK has seen a decline in the last five years in the adoption of routine childhood vaccinations. Additionally, vaccine adoption has been declining globally and in the US (Louise et al., 2021). There are some interventions that can be considered to increase the childhood vaccination rate.

Quality Improvement

One of the best ways to break down barriers is through community involvement. Working with parent organizations, local health departments, and schools to spread knowledge and increase awareness about the value of immunizations. Educating the public and giving them reliable and understandable information on vaccines, their safety, and the value of immunization helps lessen the decline in childhood vaccination rates. Addressing common misconceptions and concerns that parents may have would also be beneficial. Using various platforms to spread information, including websites, pamphlets, social media, and local events, will improve childhood vaccine rates. Providing vaccines in various settings, such as medical offices, schools, community centers, and mobile clinics, makes them readily available. Working with schools to offer immunizations on-site and removing obstacles for parents who might have trouble getting to medical facilities will improve childhood vaccine rates (Louise et al., 2021). During the pre-

implementation stage, research, funding, planning and coordinating, and spreading public awareness would be done. The intra-implementation stage would consist of vaccines, personnel (nurses, certified medical assistants, and support staff to administer the vaccines safely), and technology. Monitoring, evaluation, follow-up, and adherence support would happen post-implementation.

Application to Nursing

Practice

Education

Research

Conclusion

References

Louise E. Smith a b, a, b, c, Abstract Uptake of childhood vaccines is decreasing.

While mandatory vaccination schemes can increase vaccine uptake rates, Gravagna, K., Lee, C., Salmon, D. A., Armiento, R., Larson, H. J., McDonald, P., McNaughton, R. J., Trent, M. J., MacDonald, N. E., Roush, S. W., Lancet, T., Walkinshaw, E., Omer, S. B., Peijin, L. S., ... Moher, D. (2021, June 14). *Parental attitudes towards mandatory vaccination; a systematic review*. *Vaccine*.

<https://www.sciencedirect.com/science/article/abs/pii/S0264410X21007428>

QSEN Institute. (2020). QSEN competencies.

https://qsen.org/competencies/pre-licensure-ksas/#quality_improvement