Implementation strategies are recognized as necessary for public health benefits of evidence-based practice. They represent the ‘HOW TO’ component of changing public health practice. There is evidence that despite developing strategies to overcome barriers, implementors are not able to utilize research findings because of inconsistent labelling and poorly described strategies. This paper draws on work from Synthesis and Translation of Research and Innovations from Polio Eradication (STRIPE), a multi-phase project which aims to map, package, and disseminate knowledge from polio eradication initiatives as academic and training programs. We propose that intervention/strategy mapping could be used to match implementation strategy to an evidence-based practice or process change implemented in setting.

Background

Specific Aims & Objectives

- To study the implementation strategies, treatment specification used in different geographies to address vaccination hesitancy as part of the polio eradication program in India
- To conduct a strategy mapping exercise of those implementation activities using Proctor et al.’s guidelines (name, define, specify, action, action target, temporality, dose, implementation outcome affected and justifications)
- To translate knowledge for identifying and addressing barriers to vaccine acceptability, demand and uptake among marginalized communities in India

Results

- Barriers for polio program implementation are geographical inaccessibility, vaccination hesitancy, competing health priorities, and social and structural determinants of health inequalities that include poverty, racism, and discrimination
- Intervention strategies that worked well are contextualization, stakeholder engagement, and mobilization identifying the right influencer including religious leader (Underserved strategy) to penetrate the resistant households, involving children as a change agent, celebrity persuaders and media advocacy and sensitization
- Organizations worked in partnership by taking lessons from the GPEI during COVID. Celebrity Influencer Amitabh Bachchan’s interactive voice responses encouraging vaccination used during covid also

Conclusions

The purpose of this study is to find the lessons learnt from the Global Polio Eradication Initiative (GPEI) in terms of implementation strategies that worked well in different geographies, and to identify missed opportunities to reach vulnerable groups. During GPEI, many Implementation Strategies have been tried and tested and continuously evolved over time to ensure that the community stays engaged with the program. Underserved strategy played a significant role in changing the perceptions of the minority community and increasing vaccination rates. Implementation strategies if ‘packaged’ in specific protocols can help guide how a given innovation/intervention is to be enacted. It would facilitate meta-analysis and replication (in both research and practice) and would increase the comparability of implementation strategies by allowing them to be used in the real world to address the issue.

References


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