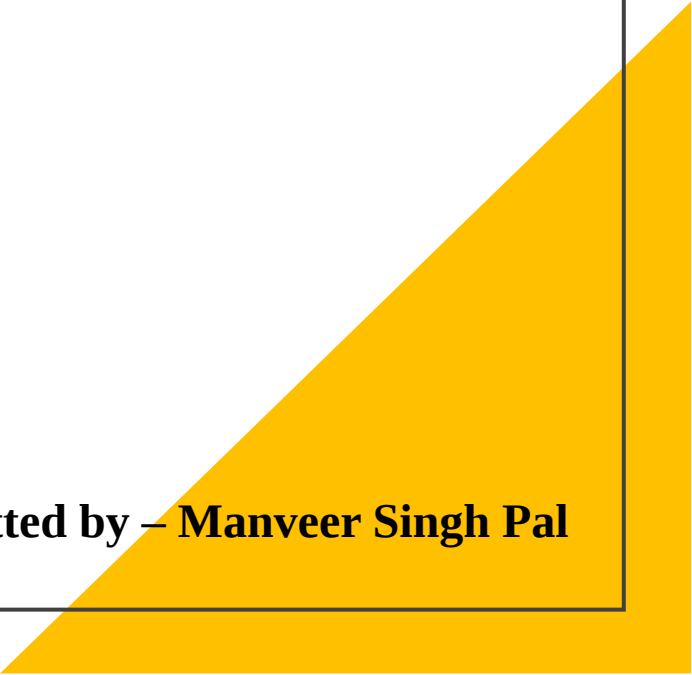


Impact of Community-Based Intervention on Routine Immunization Uptake in Jaisalmer Block, Jaisalmer District, Rajasthan, India

**MBA Hospital and Healthcare Management
Batch – 26
June-2023**

Under the guidance of – Dr. Mamta Chauhan

Submitted by – Manveer Singh Pal

A large yellow triangle pointing upwards, located in the bottom right corner of the slide.

Introduction

Routine immunization is crucial for preventing vaccine-preventable diseases. However, Jaisalmer district in Rajasthan, India, faces challenges in achieving high immunization coverage.

To address this issue, a community-based intervention was implemented to improve routine immunization uptake.

Aim is to evaluate the effectiveness of the intervention and its impact on immunization coverage in Jaisalmer district.

Immunization Coverage in Jaisalmer District

- In 2016, coverage for BCG vaccine was 87.5%, OPV dose 1 was 88.1%, DPT dose 3 was 60.7%, and measles vaccine was 57.3%.
- In 2019, coverage for BCG vaccine was 87.9%, OPV dose 1 was 85.4%, DPT dose 3 was 60.4%, and measles vaccine was 55.4%.
- Low coverage for DPT dose 3 and measles vaccine indicates the need for improvement.



Community-Based Interventions

1. Mobilizing Community Leaders and Volunteers:

- Engaging influential community members to promote immunization.
- Encouraging community participation and support.

2. Conducting Community Outreach Programs:

- Organizing awareness campaigns and information sessions.
 - Addressing misconceptions and concerns about vaccines.
 - Emphasizing the benefits of immunization.
-

- **Providing Education and Training to Healthcare Workers:**

- Enhancing knowledge and skills of healthcare workers.
- Ensuring accurate information and proper vaccine administration.

- **Conducting Home Visits:**

- Identifying unimmunized children and reasons for non-compliance.
- Offering convenient immunization services at home.

- **Implementing Community-Based Vaccine Delivery Strategies:**

- Establishing mobile clinics or outreach sessions at community centers or schools.
- Facilitating easy access to vaccines for remote communities.



Research Question

What is the impact of the community-based intervention on routine immunization uptake in Jaisalmer Block, Rajasthan, India, compared to the non-intervention area?

Hypothesis

- The community-based intervention will increase routine immunization uptake in Jaisalmer Block, Rajasthan, India.
- Healthcare workers, community leaders, and stakeholders will have more positive attitudes towards immunization due to the intervention.
- Factors like community mobilization, awareness campaigns, and capacity-building will positively impact routine immunization uptake.

Study Design, Study Population, Duration and Sample Size

- Quasi-experimental design to assess the intervention's impact.
 - Study conducted in Sam block and Jaisalmer block, Jaisalmer District.
 - Participants: Parents of 0-5 years children, community leaders, local health functionaries.
 - Duration: 3 months.
 - Sample size: 25 parents from the intervention area, 25 parents from the non-intervention area.
-

Study Tools and Data Collection Procedure

- Structured questionnaire used as the primary study tool.
 - Captured information on routine immunization uptake and factors influencing it.
 - Administered to caregivers of children in both intervention and non-intervention areas.
 - Group discussions conducted with healthcare workers, community leaders, and stakeholders to gather insights and opinions.
-

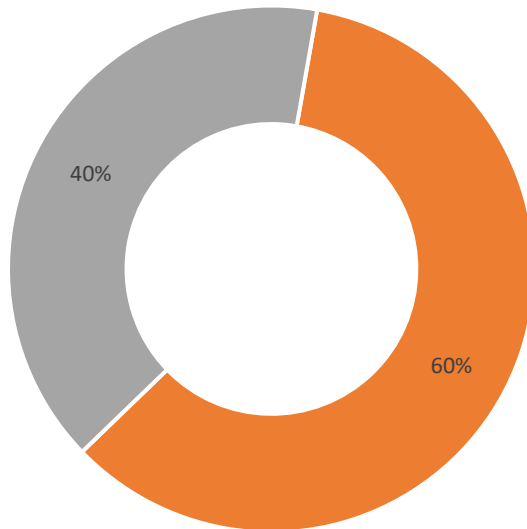
Implementation of the Community-Based Intervention

Mobilizing	Mobilizing community leaders and volunteers for active participation.
Conducting	Conducting community outreach programs and awareness campaigns.
Providing	Providing education and training to healthcare workers.
Conducting	Conducting home visits and identifying unimmunized children.
Implementing	Implementing community-based vaccine delivery strategies.

Results and Observations :

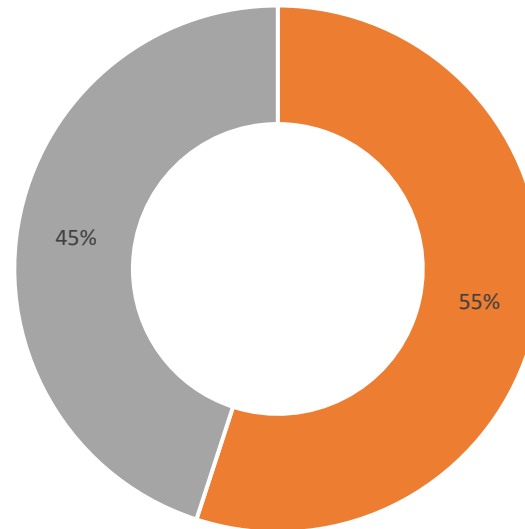
Gender of the Child

Intervention



■ a) Male: ■ b) Female:

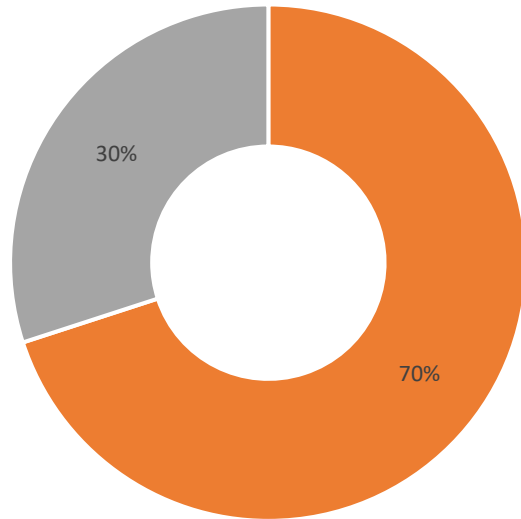
Non-Intervention



■ a) Male: ■ b) Female:

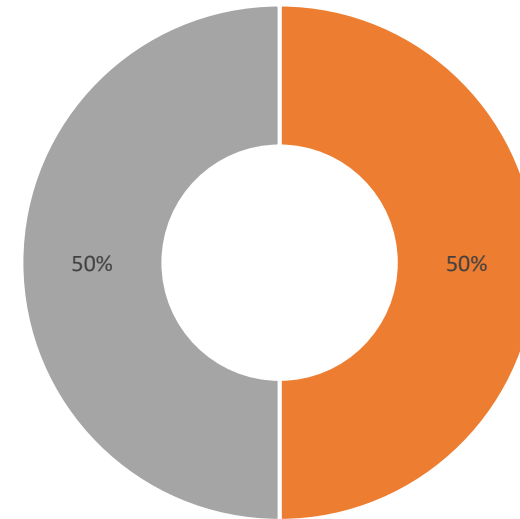
Where was the baby born?

Intervention



■ a) Institutional: ■ b) At home:

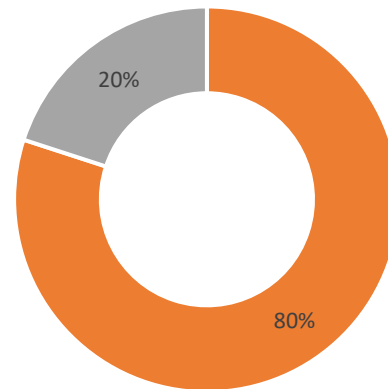
Non-intervention



■ a) Institutional: ■ b) At home:

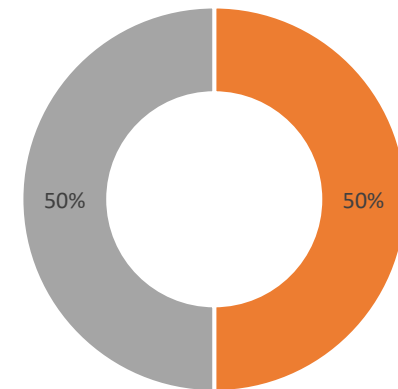
-
- Have you heard for Routine Immunization

Intervention



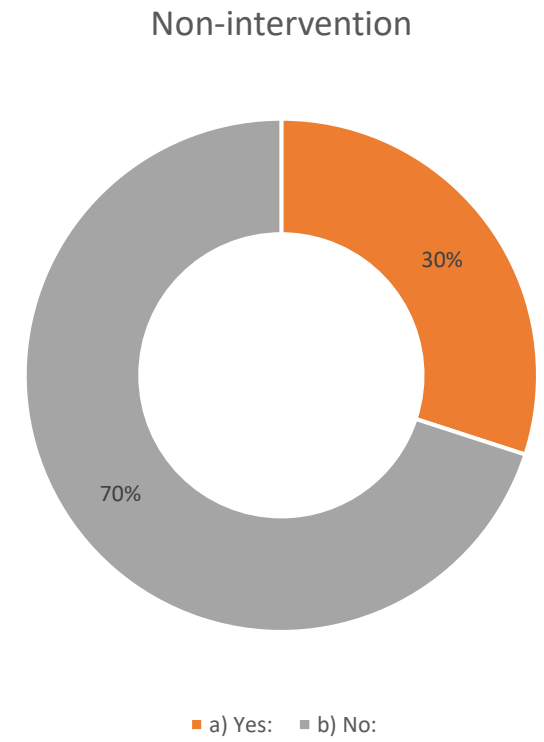
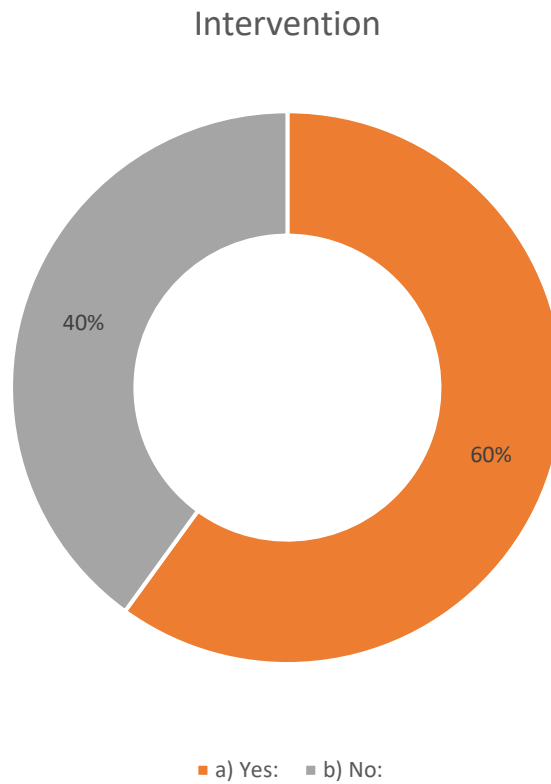
■ a) yes: ■ b) no:

Non-intervention

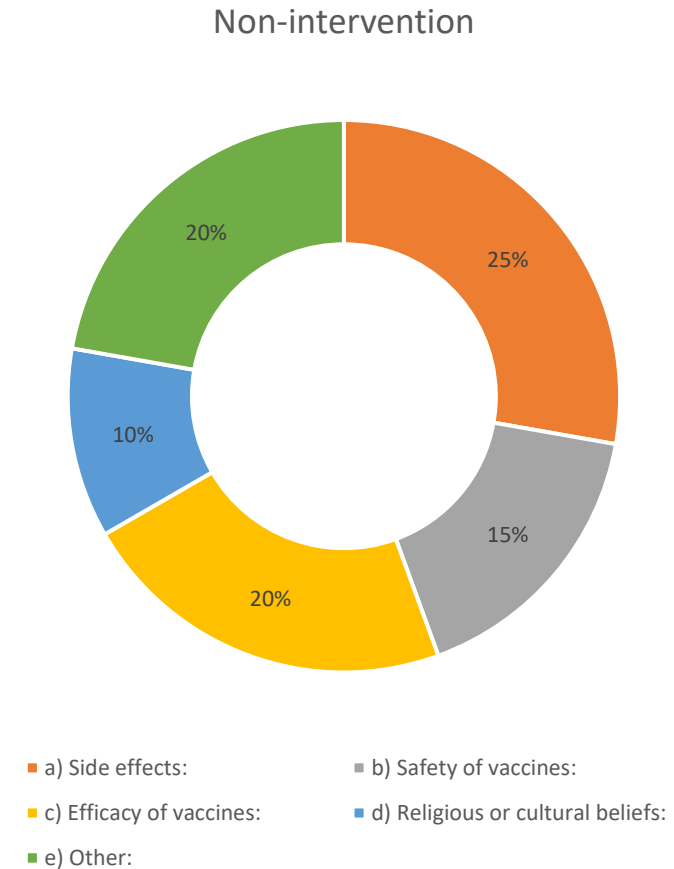
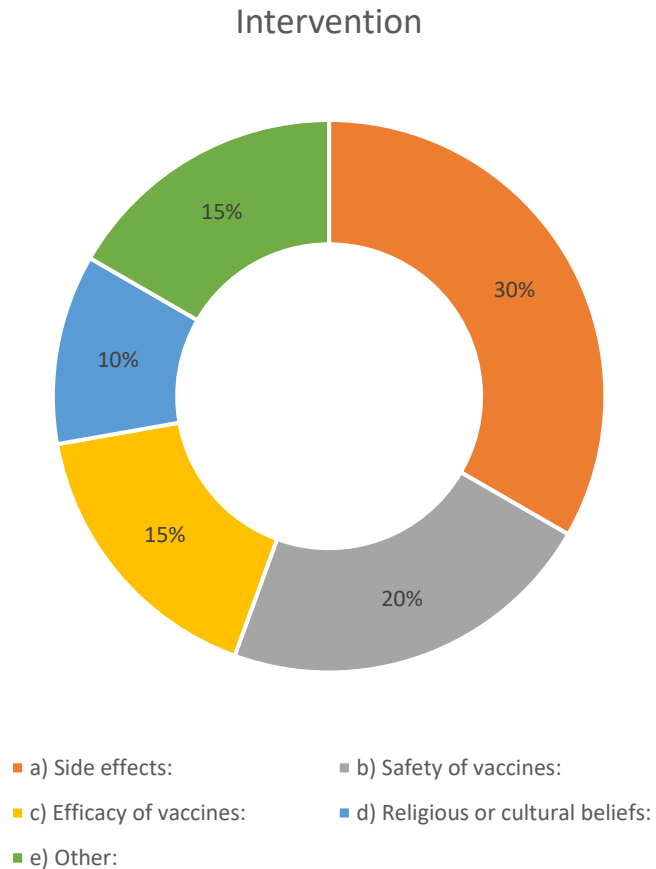


■ a) yes: ■ b) no:

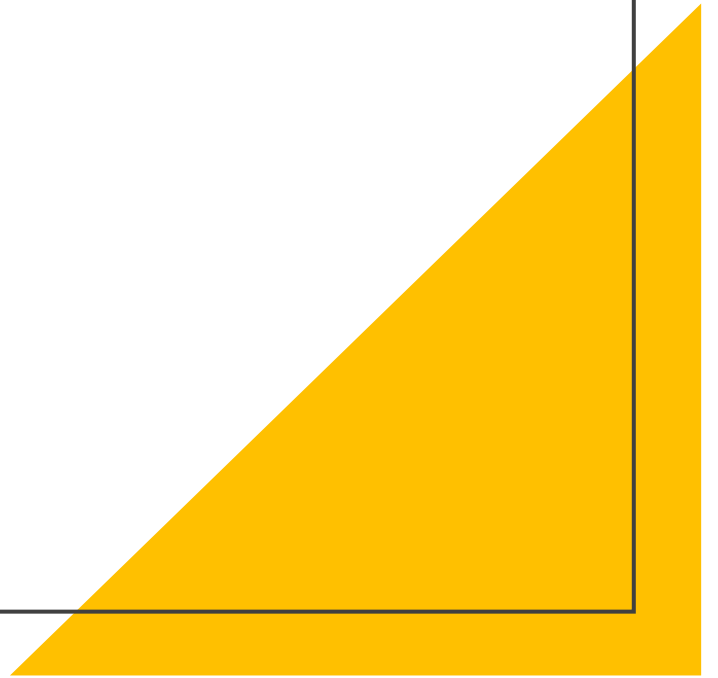
-
- Have you ever visited nearby Anganwadi Center?



Community perceptions and fears regarding Immunization



- Immunization coverage rates before and after the community-based intervention.
- Comparison of coverage rates between the intervention and non-intervention areas.
- Statistical analysis of the impact of the intervention on routine immunization uptake.





THANK YOU
