A Framework for Resilience in Immunization Programs

Wed 25th Sept 2019
Annecy #VaccineAcceptance
Outline

• Reverse brainstorm
• Resilience introduction
• Case studies
  • Philippines
  • Ireland
  • Australia
• Report back
• Framework discussion
Imagine you want to disrupt a vaccination program.

Write down 3-5 things you would do.

Put each new thing on a post-it note.
Health system resilience

“The capacity of health actors, institutions, and populations to prepare for and effectively respond to crises; maintain core functions when a crisis hits; and, informed by lessons learned during the crisis, reorganise if conditions require it.”

Kruk et al BMJ 2017;357:j2323

• Examined:
  • Integrated approaches to care for diverse needs: working with non-state actors during the Syrian refugee influx in Lebanon
  • Learning from failure: communicating with communities during Liberia’s Ebola crisis
  • Improving self regulation: coordinating multiple actors during natural disasters in Indonesia
Characteristics of a Resilient Immunization System

- Aware of areas of strength & vulnerability
- Has strong capabilities and availability of resources
- Self-regulating and able to quickly identify and isolate threats
- Adaptive to an evolving landscape and public health need
- Strong integrated and multi-sector approach to planning and execution

Exercise 2 – produce as a large poster and participants add post-its of key points to appropriate area on the poster

Adapted from Kruk et al for vaccination programs.
Break into groups

• Hear the case study
• Discuss vulnerabilities and strengths
Wrap-up

- How can we enhance the framework?
- Would it be valuable to measure?
- Can it be used to help countries identify areas of vulnerability?
Characteristics of a Resilient Immunization System¹,²

Exercise 2 - Facilitator
Aid to prompt discussion

**Adaptive to evolving landscape**
- Robust performance review of immunization system reflecting multi-stakeholder input
- Ability to adapt structurally, functionally and socially

**Aware of areas of strength and vulnerability**
- Comprehensive, up-to-date registry to track coverage at all levels
- AEFI monitoring and reporting system
- Media monitoring and rumor tracking to inform timely action
- Surveillance system to inform outbreak investigation and response
- User experience assessment and tracking system

**Strong capabilities and availability of resources**
- Sustained access to funding at all levels
- Motivated staff with diverse capabilities and specializations
- Independent group of experts to issue recommendations based on scientific and public health evidence

**Strong integration and multi-sector approach to planning and execution**
- Strong integration between key departments of immunization system
- Immunization system functions as a core part of health system and is integrated into primary health care
- Robust integration across public (e.g., education) and private (e.g., religious and civil society) sectors

**Self-regulating and able to quickly identify and isolate threats**
- Prompt investigation of and action to improve low VCR
- Prompt investigation and resolution of AEFIs
- Robust, effective communications system
- Early detection and rapid response to VPD outbreaks
- Integration of user insights into program services