Process evaluation of the NeoKIP intervention

NeoKIP = Neonatal health – Knowledge Into Practice

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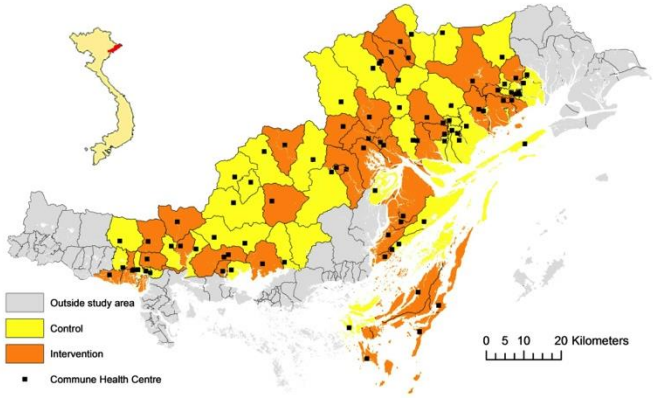
The NeoKIP trial



July 2008 → June 2011

90 communes

Cluster randomization

46 control communes → Outcomes

Comparison

44 intervention communes → Outcomes

44 intervention groups

Each intervention group had:
4 local health workers
4 local politicians

8 facilitators

Lay women from women's union

Facilitation - a group process

Plan

Identify local problems and plan actions

Do

Implement action

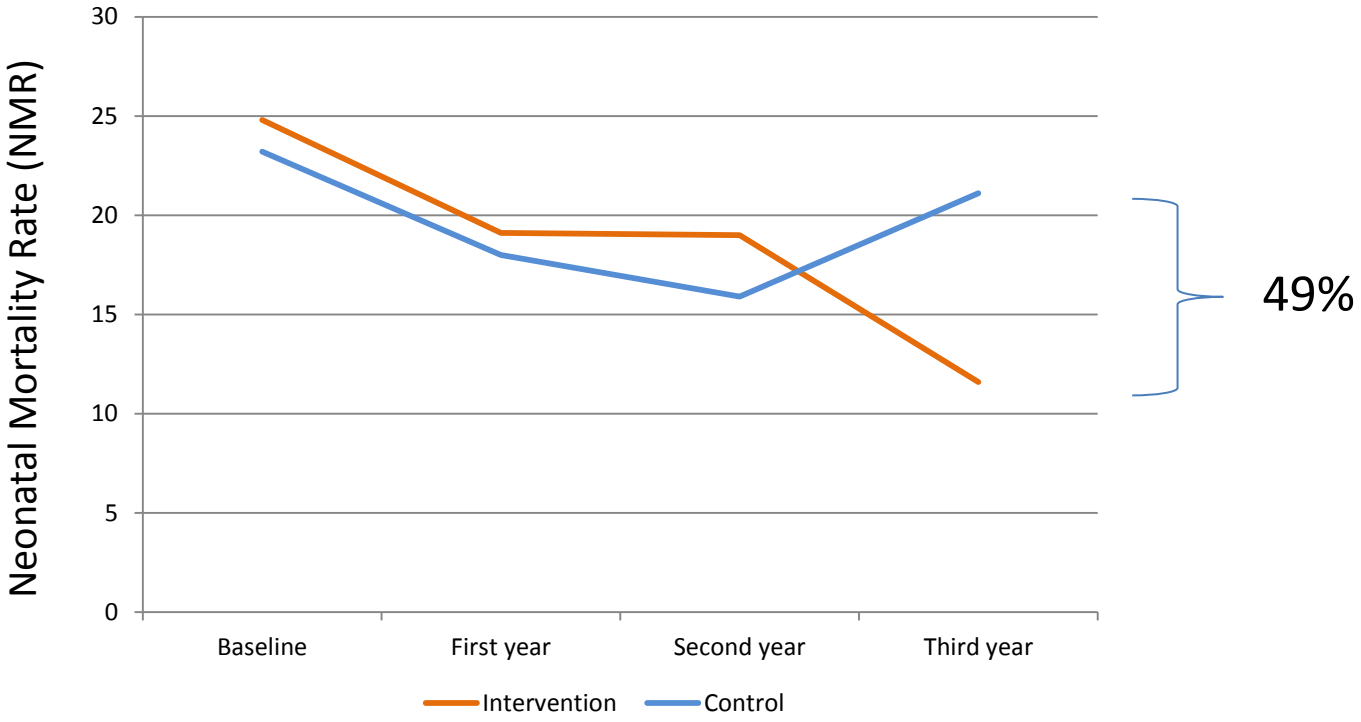
Act

Reconsider the strategy

Study

Evaluate results

Outcome evaluation



Indicator	Intervention (%)	Control (%)	Adj OR (95% CI)
Antenatal care	91	82	2.27 (1.07-4.8)

Persson et al. PLOS medicine, 2013

Process evaluation

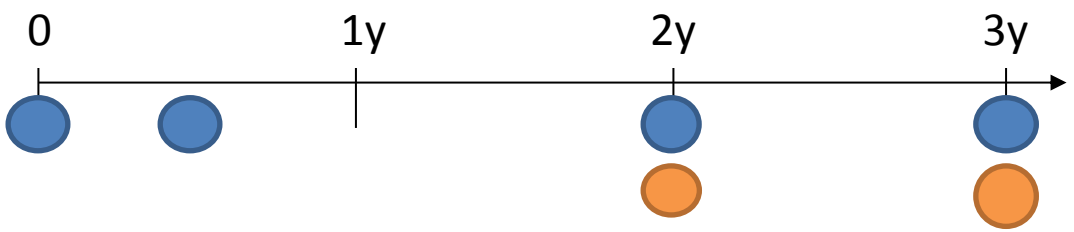
Quantitative

- Documents from training, preparation meetings, etc.
- Facilitators diary episodes (n≈1500)
- Notes from supervision meetings with facilitators (n=35)
- Assessment of attributes and skills of facilitators

Qualitative

- Experiences of facilitators and intervention group members

44 Intervention Groups + 8 facilitators



Outcomes

Focus group discussions facilitators

Focus group discussions with 6 intervention groups

Results (quantitative)

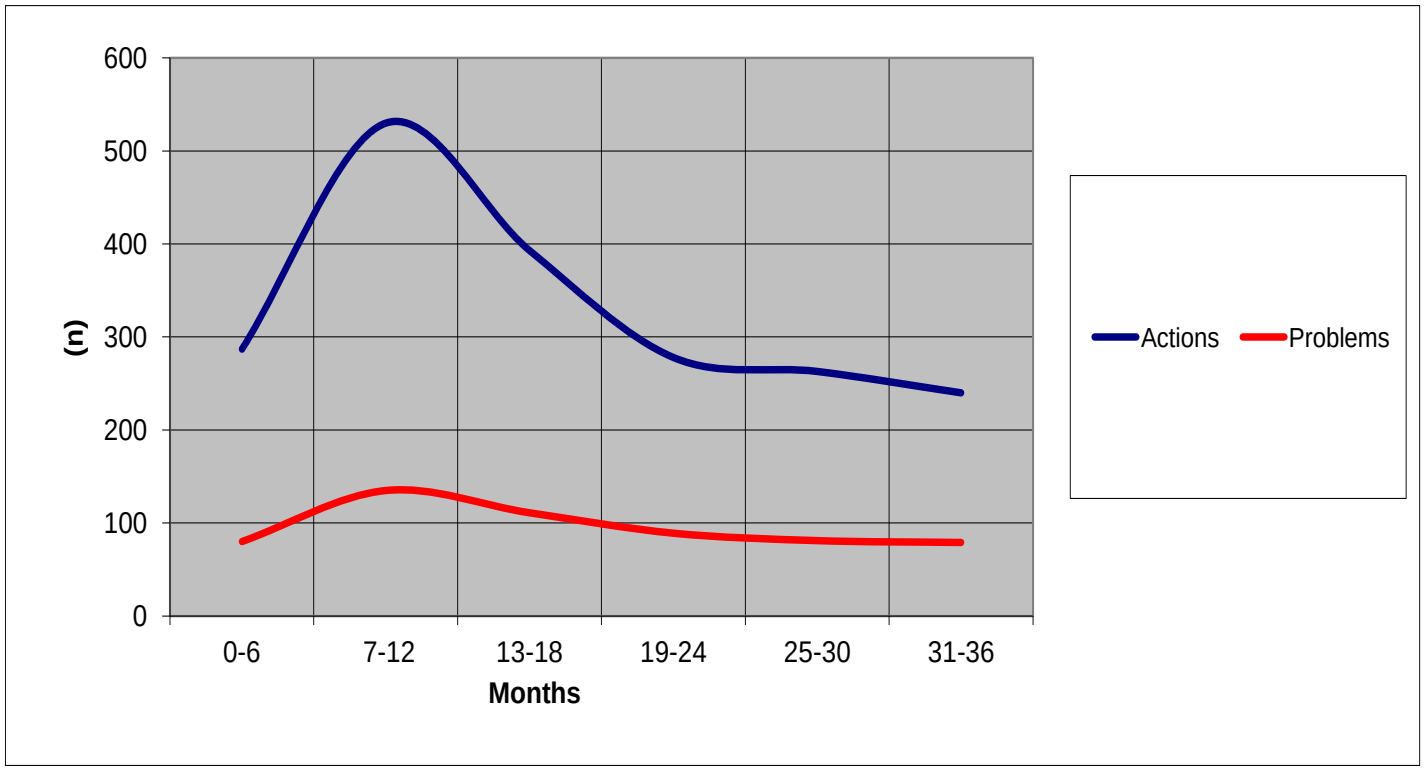
Intervention groups

- The groups conducted 95% (1508/1584) of the intended meetings
- Overall attendance among participants in the 44 groups was 86%
- Only one (!) group stopped after 21 months

Eriksson et al. (Manuscript)

Results (quantitative)

The 44 intervention groups:
Identified 32 unique problems and Implemented 39 unique activities



Eriksson et al. (Manuscript)

Results (quantitative)

Most frequently identified problems:

1. Low frequency of antenatal care visits
2. Low frequency of post-natal home visits
3. Low awareness among pregnant women
4.

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Most f

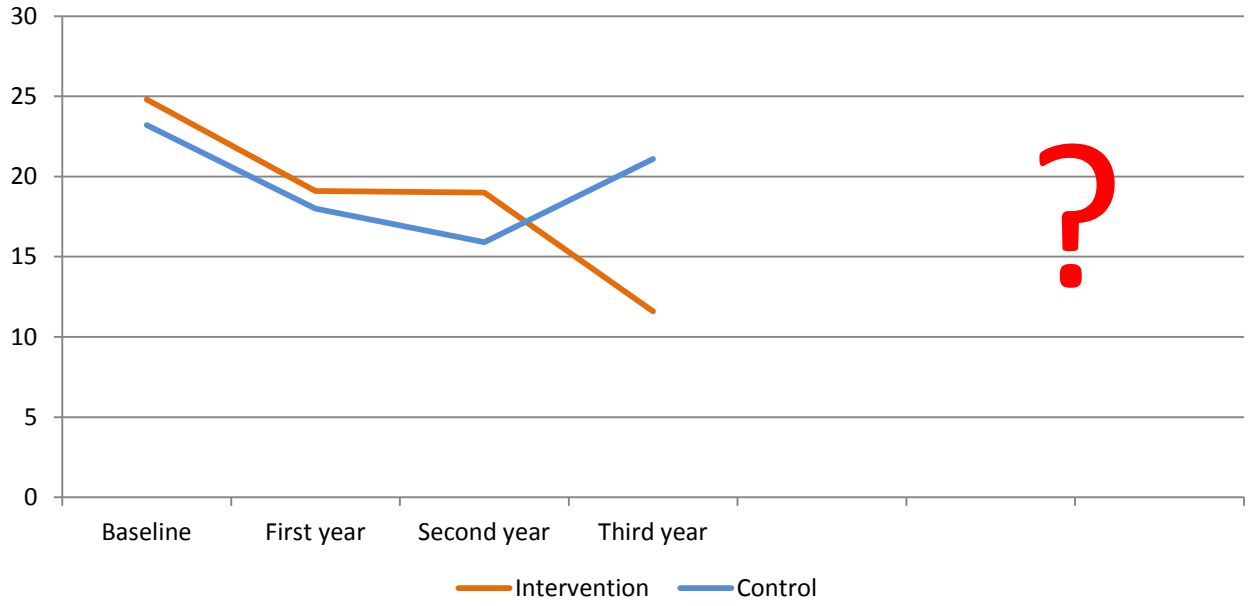
1. Mobilise/counsel women at home
2. Communicate at meetings
3. Counsel women at commune health centres
4. Communicate through loudspeakers

Results (qualitative)

- **Process**
  - The facilitator role
  - The function of the intervention group
- **Barriers**
  - Support
  - Money

Eriksson et al. BMC Pregnancy and Childbirth, 2013

Has the process evaluation been helpful in understanding the outcomes of the NeoKIP intervention?



- What components are important when doing a process evaluation and how to evaluate those components?

- What should be included in standards for reporting process evaluations?