

**Title of Intervention:** A home vaccination program for children behind in their immunizations

**Intervention Strategies:** Individual Education, Supportive Relationships, Environments and Policies

**Purpose of the Intervention:** To promote catch up immunizations for children behind on their immunization schedule

**Population:** Children who were either 9 months old and 90 days late for DTP/OPV/Hib or 16 months old and 120 days late for the MMR vaccine

**Setting:** Council areas in north-west metropolitan Melbourne, Australia; home-based

**Partners:** The Australian Childhood Immunization Register, Royal Children's Hospital

**Intervention Description:**

- Individual Education: Initial contact was made with the intervention group by letter. Two follow-up letters were sent if they could not be contacted by phone.
- Supportive Relationships: After initial contact was made by letter to the intervention group, a nurse then contacted participants by telephone one to three weeks later to verify immunization status, to organize an appointment and to administer a pre-immunization health check to ensure that the child did not require special medical attention and could be immunized at home.
- Environments and Policies: A nurse administered immunization in the child's home at a time convenient to the parents. Siblings were also vaccinated if they were due for immunization.

**Theory:** Not mentioned

**Resources Required:**

- Staff/Volunteers: Nurses, clerical staff
- Training: Nurses training course
- Technology: Not mentioned
- Space: Not mentioned
- Budget: Money for training course, costs for travel, consumables, nurse and clerical staffing time
- Intervention: Materials for resuscitation kit, immunizations, and temperature-monitored car refrigerator
- Evaluation: Staff to verify immunization status

**Evaluation:**

- Design: Randomized controlled trial
- Methods and Measures:
  - Parent questionnaires assessed immunization service use, reasons for delay in immunization, education level, family size and whether the family had a Health Care Card

**Outcomes:**

- Short Term Impact: Not measured
- Long Term Impact: Catch-up immunizations were completed in both groups, but catch-up rate was higher in the intervention group.

**Maintenance:** Not mentioned

**Lessons Learned:** Not mentioned

**Citation(s):**

Bond, L. M., T. M. Nolan, et al. (1998). "Home vaccination for children behind in their immunisation schedule: a randomised controlled trial." *Med J Aust* 168(10): 487-90.