**Methods (continued)**

**Exploratory Baseline Survey:**
- Anonymous, voluntary survey run over 1.5 week period
- Distributed to 11 Vancouver Island public health units across 6 cities
- Purpose:
  - To gain a general indication if babies up to one year were receiving vit D
  - To determine if current vit D use differed across the island

**Created vit D educational video** with collaboration from VIHA nursing and nutrition departments, and the Victoria Native Friendship Centre

**Instrumentation, Adherence Scales:**
- Surveys and data gathering tools developed for this study (can view upon request)
- Telephone interview to include the following questions:
  - **Primary Scale:** "Think back to last week. How often did you miss giving your baby the dairy dose?"
    - Adherence: No misses = 100%, 1-2 misses = 75%, 3-4 misses = 50%, 5-6 misses = 25%, 7 misses = 0%
  - **Secondary Scale:** Estimation of vit D usage based on how much liquid is left in supplement bottle (full bottle, % left, % left, % left, almost done)

**Analysis (determined a priori):**
- Intention to treat
- Dichotomous variable: Adherent (> 75% adherence) or Non-adherent
- Dichotomous variables will be tested using chi square tests with Fisher’s exact tests

**Additional Impact:**
- Legacy: vit D educational video produced for this study will be used by VIHA public health units
- Facilitated interdisciplinary collaboration with VIHA nutrition, public health, and multimedia departments, and VGH perinatal ward
- Community collaboration with Victoria Native Friendship Centre
- Prompted nutrition initiatives for vit D education for nursing, pharmacy, and pediatricians to take place after completion of study enrollment
- Discussion to conduct study at an additional central or north island site
- Study results will help to develop a consistent vit D education program for new parents within VIHA

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- CSMH research grant; VIHA Pharmacy and Nutrition Departments

**References:**