1. Institutional factors
   a. Policy
   b. Vaccination schedule

2. Insufficient vaccination knowledge and advice
   a. Insufficient knowledge and misconceptions
   b. Awareness of vaccine availability
      i. Targeted formal sources
      ii. Informal conversations
      iii. Mass media
   c. Key sources of vaccination information
      i. Incentive motivation
      ii. Indifference to individual need
      iii. Quality concerns
   d. Lack of vaccination advice from healthcare professionals
      i. Perceived severity of disease
      ii. Perceived susceptibility to disease
      iii. Perceived controllability of disease
   e. Low trust in optional vaccines advice from healthcare professionals

3. Affective impacts on motivation
   a. Fear of diseases
   b. Perceived anxiety reduction after vaccination

4. Barriers to vaccination
   a. Monetary cost
   b. Concerns about vaccination side effects
   c. Perceived low efficacy of vaccines

5. Social influences
   a. Opinions from significant others
      i. Lack of confidence in VDM
      ii. Information extraction
      iii. Emotion pressure to conform
   b. Follow the crowd