

**Thesis Title** Factors Affecting The Hepatitis B Immunization  
Schedule of Children 0-6 Months In Nakhonsawan  
Province.

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### ABSTRACT

The purpose of this research was to study the factors affecting the Hepatitis B immunization schedule of children (0-6 months old) in Nakhonsawan province.

The study group consisted of all 368 babies who were born in the area during January 1st and June 30th, 1991. The researcher successfully located 320 of these children and interviewed the mother or caretaker of the child on relevant factors influencing the vaccination. The interviewed mother/caretakers were then divided into two groups: those with children who had received completed Hepatitis B immunization on schedule (155 persons) and those with children who were unable to complete Hepatitis B immunization on schedule (165 persons).

The results revealed that the children's parental educational level were significantly different between the two groups (paternal education,  $p = 0.005$ ; maternal education,  $p = 0.024$ ). The caretakers in completed group have higher income ( $p = 0.003$ ), have smaller number of children ( $p = 0.040$ ). Regarding the knowledge and attitude, the caretakers in completed group have better knowledge and positive attitude toward the vaccination ( $p < 0.001$ ). They also have higher level of satisfaction with the health center ( $p < 0.001$ ) and are more accessible to safe and convenient trips to the available services ( $p = 0.003$ )