

Thesis Title	Associated Maternal Factors With Pregnancy Outcome at Prapokklao Regional Hospital, Chantaburi, Thailand.
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### ABSTRACT

This study is aimed to determine the association between the maternal factors with pregnancy outcome. The retrospective cross sectional study was conducted in Prapokklao regional hospital, Chantaburi province, Thailand. This study consisted of 390 mothers who had delivered their babies during the year 1994. The sample was selected by cluster random sampling.

The mothers delivery records were reviewed and utilized to elicit the information required for the study. The study revealed that the maternal factors such as biological factors, it was found that there were significant relationship between the mothers weight at delivery with infant weight (  $P < .001$ ). The statistically significant relationship was also found between gestational age at delivery with infant weight ( $P < .001$ ) and apgar score ( $P = .0003$ ).

There was also significant relationship between number of ante natal care with each variable of pregnancy outcome, such as mode of delivery of baby ( $P < .001$ ) ; mode of delivery of placenta ( $P = .0200$ ), infant weight ( $P < .001$ ) and apgar score ( $P < .001$ ).

The significant relationship was also found between obstetric complication with each variable of infant outcome, infant weight ( $P = .0006$ ) and apgar score ( $P = .0010$ ).