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**NITCHIMA ROMYAMALEE : PREGNANCY OUTCOMES IN INDUSTRIAL WORKERS. THESIS ADVISOR : JAYANTON PATUMANOND,M.D.,M.P.H.,D.Sc. NATCHAPORN PICHAINARONG,DrP.H. DUSIT SUJIRARAT,M.Sc. PRATHARN CHINAYON,M.D.,Affiliate FACOG. 94 p. ISBN 974 - 589 - 528 - 8**

The purpose of the research was to study the association between pregnancy outcomes and working in industry . A retrospective cohort study was conducted at industry sites in vicinities during the period of September 1996 to February 1997. The study subjects were 396 working women in industry during pregnancy and 112 non working women . Data were obtained by questionnaire interview.

Logistic regression analysis and multinomial logistic regression analysis, controlling for all potential confounding factors, revealed that the exposures noises worker as compared with non exposures noises worker. The relative risk ratio for small for gestational age was 15.84 and the odds ratio of baby abnormalities was 7.99. Industrial women during pregnancy should be concerned about work characteristics to prevent and decrease abnormal pregnancy outcomes.