

Thesis Title The Study on Relationship between Cigarette
Smoking and Cervix Cancer in Thai Women :
Case Study at Siriraj Hospital

Name Orawan Deekaew

Degree Master of Science
(Technology of Environmental Management)

Thesis Supervisory Committee

 Sukhum Poothong, M.Sc.

 Yawarat Porapakkham, M.D., M.P.H., M.S.P.H.
(Biostatistics)

 Somchai Nongtun, M.D.

 Kanit Sanguantrakul, M.Sc.

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ABSTRACT

The relationship study between cigarette smoking and incidents of cervical cancer in Thai women was done by Case - Control study. The data collection was done with 1,000 patients at Siriraj Hospital during June - September 1991 by interviews and questionnaires. A case group composed of 300 cervical cancer patients attended at tumour clinic and those were admitted at Gynecological unit while a control group comprised of 700 women patients of same age as the case group were admitted at Siriraj Hospital with other diseases except cancer, those who received negative results on their Pap's smear test, and those with any kind of diseases that was caused by cigarette smoking such as bone disease, skin disease etc. The result showed that women who

smoke had higher risk of cervical cancer, and eventhough the rate was adjusted by age and birth number, the rate was still 2.66 times higher than those who were non smokers. For women who have more than one sexual partner, the chances were 1.96 times higher than those who had one husband or none. When these two factors were combined together, the unadjusted odds ratio was 3.58 times higher than those who were non smokers and had one husband or sexual partner. However the study could not draw a conclusive adjusted relative odds since the data was insufficient. Besides this, the study showed high relative odds to cervical cancer for those who live with smokers. The odds ratio was 2.58 higher in women whose husbands smoked compared to those whose husband were non smokers. The trend of odds ratio caused by passive smoking varied according to quantities of cigarette smoked by husbands, observed from the 0.87 rate of the correlation coefficient.