

Thesis Title Comparative Study of Malaria Prophylaxis
 between the Combination of Chloroquine
 plus Fansidar and Chloroquine

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Degree Master of Science (Public Health)
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Date of Graduation 13 May B.E. 2535 (1992)

ABSTRACT

Comparative study of malaria prophylaxis between the combination of chloroquine plus fansidar and chloroquine alone was conducted in 155 soldiers who had been deployed to the area near Thai-Kampuchean border in Khunhan Distriet, Srisakait Province, during June - October 1991. Fifty-two soldiers were given chloroquine 2 tabs every week plus fansidar 2 tabs biweekly,

51 soldiers were given chloroquine 2 tabs plus fansidar 1 tab every week and another 52 soldiers were given chloroquine 2 tabs plus 2 tabs of placebo every week. The incidence rate of malaria was checked weekly by thick blood film examination. After the study period, the incidence rate of Plasmodium falciparum was 6.3 per 1000 person-weeks in the first group, 10.8 per 1000 person-weeks in the second group and 15.2 per 1000 person-weeks in the last group. The incidence rate of the three groups were not significantly difference. ($p > 0.05$) Also the incidence rate of Plasmodium vivax was not significantly difference among the three groups. The effectiveness of drug against P. falciparum compared to the third group was 58.55 percent in the first group and 28.95 percent in the second group.