TITLE: A clinical trial of dihydroartemisinin for the treatment of acute uncomplicated falciparum malaria in Thailand: A comparison of 3 different formulations

ชื่อภาษาไทย: -

AUTHOR ศ.นพ.ศรชัย หลูอารีย์สุวรรณ
คณะเวชศาสตร์เขตร้อน มหาวิทยาลัยมหิดล

ABSTRACT

We compared the safety and efficacy of three formulations of dihydroartemisinin for the treatment of acute uncomplicated falciparum malaria in 157 patients. All patients received a total dose of 600 mg dihydroartemisinin over 5 days (200 mg on the first day then 100 mg daily for 4 days). The first group (n = 74) was treated by dihydroartemisinin produced and formulated by People's Republic of China. The second group (n = 23) was treated by dihydroartemisinin produced from Vietnam but formulated by Government Pharmaceutical of Thailand. The third group (n = 60) was treated by dihydroartemisinin produced and formulated by Government Pharmaceutical of Thailand. All patients were admitted in the hospital to evaluate safety and efficacy and were followed for a total of 28 days. By the third day of treatment, most patients in the three treatment groups were blood smear negative for parasites and none had serious adverse effects. Minor symptoms such as nausea, vomiting,

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l after 3 days of treatment. abdominal pain were similar in the three groups and disappeared
v-up period. The cure rates One hundred and thirty three patients completed the 28 day follow
There were no significant of group I, II, III were 80%, 85%, 92% respectively (p>0.2).
differences in fever clearance or parasite clearance among the