

Thesis title : An Evaluation of the Performance of Emergency Medical Technicians in Khon Kaen
Regional Hospital and Rescue Volunteers in Khon Kaen Province

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ABSTRACT

A descriptive study on " An evaluation of the performance of emergency medical technicians in Khon Kaen regional hospital and rescue volunteers in Khon Kaen province " aims to study 1) coverage, appropriateness of prehospital care and rescuing duration , 2) rescuer's knowledge, 3) problems and obstacle in prehospital care, and 4) training and needs for refreshment course in prehospital care. Data was collected during November 1996 - April 1997. From 3,927 traumatic patients, 77 were randomly selected and 78 rescuers who were volunteers and hospital personnel were include in the study. Data was collected by using observations, interviews, and documents study. The major findings were as follows.

- 1) Coverage of prehospital care was 18.5 percent (95%CI = 17.3 - 19.7).
- 2) Eighty nine percent (95%CI = 82.8 - 96.4) of traumatic patients received prehospital care and 7.2 percent (95%CI = 1.1 - 13.4) get an appropriate care.
- 3) Rescuing duration in the municipality area of Khon Kaen (3-5 KM. from the hospital), the median time was 11.00 minute (IQR = 4.00, 95%CI of median = 9.00 - 13.00).
- 4) fifty tree percent of rescuers had enough knowledge for their work.

5) Problem and obstacles in rescuing of both the hospital personnel and volunteer were lack of vehicle and vehicle were not good condition. while hospital personnel presented delayed in permission for going out and not enough personnel, volunteer presented lacking of first aids equipment and rescuing instrument.

6) Ninety two percent of rescuers were participated in a short course training (2-4 days). All rescuers needs a refreshment course for prehospital care.

In conclusion, finding from the study indicated that rescuers wanted to help traumatic patients but their performance emphasized on taking traumatic patients to the hospital as fast as possible rather than giving prehospital care.