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SANGRUNG RUKDEE : NON INFECTION HOSPITAL WASTE MANAGEMENT  
THE CASE STUDY OF WASTE RECYCLE AT LAOKHWAN HOSPITAL. AN INDEPENDENT  
STUDY ADVISOR : NOPAWAN RATASUK, Ph.D. 53 pp.

The study of waste recycle program establishment at Laokhwan hospital was done as the approach to reduce the amount of hospital waste. The program encouraged hospital staffs and relevant personnel to recognize the value of waste and the importance of waste separation, before discarding the waste into the environment. The procedures in the program consisted of identification and separation of recyclable waste, dissemination of the information among hospital personnel, finding recyclable waste buying sources, and performing the actual test. The test was done by collecting recyclable waste from the administrative division, the dental division, the medical dispensing room, the in-patient division, the delivery room, the emergency room, and the X-ray unit. Collected waste was sold to a buyer twice a month. In each sell, types, weight and price of recyclable waste recorded in order to evaluate the profit for 6 month, from November 2006 to May 2007. Results of the study indicated that hospital staffs were well interested in the program. The total amount of recyclable waste collected over the period of six months was 1410 kilograms, which earned 10631.65 baht. The amount and price of recyclable waste were highest in March. Cardboard was the type of waste with maximum volume in every month. Results from attitude and opinion survey showed that the majority of the staffs had positive attitude toward the program. However, they recommended that public relations and waste storage sites should be improved, with the opinion level "high and highest" of 60% each. The success of the program was confirmed by comparing the profit before and after the program establishment.

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