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NILAWAN UPAKDEE: ANALYSIS OF HOSPITAL DRUG
EXPENDITURE IN THE MINISTRY OF PUBLIC HEALTH (FISCAL YEAR 1994-
1998). THESIS ADVISORS: CHAONSIN SOOKSRIWONG, Ph.D., VIROJ
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This analysis of drug expenditures in Ministry of Public Health (MOPH) hospitals between fiscal years 1994 to 1998 was a quantitative and descriptive research in public provider perspective. Type of data collection was retrospective. The objectives of this study were: (1) studying drug expenditures in MOPH hospitals, (2) determining the trend on drug expenditures with utilisation levels, (3) comparing drug expenditures with total hospital expenditures; and (4) identifying factors related to drug expenditures and hospital expenditures. Total drug expenditure was calculated from the summation of drug and medical supply expenses and analysed into types of money which, were budgetary and non-budgetary.

The results showed that drug expenditures in MOPH hospitals between fiscal year 1994-1998 were 4,057.83, 5,201.65, 5,700.63, 6,326.00 and 6,420.82 million baht in real term value, respectively. The trend on drug expenditures increased substantially in real terms between the fiscal years. Total hospital expenditures were 26,993.07, 29,971.25, 33,283.27, 38,148.45 and 37,061.01 million baht in real term value, respectively. The trend on hospital expenditures increased in real terms from fiscal years 1994 to 1997 and declined in fiscal year 1998. Drug expenditures were approximately 15% of hospital expenditures each fiscal year. Factors relating to drug expenditures and hospital expenditures were size of the hospital and patient characteristics which were outpatient cases, inpatient cases, outpatient visits and inpatient-days.

This study of drug expenditures provides basic information for administrators and policy makers for forecasting, planning and developing budgets in order to improve health care resources effectively and efficiently.