

Thesis Title Unit Cost of Inpatient Department , Chonburi
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ABSTRACT

The hospital unit cost study provide a guideline to improve a resource management to acheive a maximal efficiency of the medical service. Annual hospital unit cost analysis may be an indicater or a tool to promote hospital management. This study was a part of research undertaken in Cholburi Hospital which applied only an inpatient service. Unit cost data were collected in fiscal year 1991 (from October 1, 1990 to September 30, 1991) categorized into 4 subgroups, primary transient cost centre, secondary transient cost centre, tertiary transient cost centre and absorbing cost centre. Double Step-down Method was used for cost allocation.

The results indicate that the full cost of the inpatient department was 140,219,289.90 baht. (direct cost 23.8%), inpatient surgical department a highest full cost , was 50,521,006.19 baht inpatient orthopedic department was 21,282,890.09 baht, and inpatient Pediatrics department a lowest full cost, was 2,866,790.68 baht. Average cost per bed for inpatient as the whole was 238,468.17 baht for surgical, orthopedic and pediatrics department were 308,054.-92 , 269,403.67 and 120,598.29 baht respectively. Average cost per case for inpatient service was 4,378.02 baht for surgical, orthopedic and Ob-Gyn were 6,711.97, 6,160.03 and 2,539.63 baht respectively. Average cost per day inpatient service as the whole was 745.24 baht. for Ob-Gyn, surgical, E.E.N.T., Medicine, Psychiatric, Orthopedic and Pediatrics were 901.25, 844.76, 758.93, 746.91, 681.11, 658.02 and 503.94 baht respectively. Out of 14 most common diseases , the average unit cost per case for internal fixation of fractured femur, for operation of ruptured appendicitis , and for infant diarrhea were 11,207.56 baht , 7,502.34 baht and 2,749.93 baht respectively.

The application of this research outcomes has been recommended to Chonburi Hospital for increasing the efficiency of inpatient and every services in hospital. The using of computers for collecting the data in hospital were introduced to the hospital administration.