

ORIGINAL ARTICLE

ANALYSIS STUDY ON HEALTCARE PROVIDER COST FOR DIABETIC FOOT TREATMENT AT ORTHOPAEDIC WARD, UNIVERSITI KEBANGSAAN MALAYSIA MEDICAL CENTRE IN YEAR 2006

KAJIAN ANALISA KOS PEMBEKAL PERKHIDMATAN KESIHATAN BAGI RAWATAN DIABETIC FOOT WAD ORTOPEDIK PUSAT PERUBATAN UNIVERSITI KEBANGSAAN MALAYSIA DALAM TAHUN 2006

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ABSTRACT

Introduction : Diabetes mellitus is recognized as a major public health problem worldwide. The burden of diabetes to society are morbidity, mortality and extensive usage of health care services.

Methodology : This study aimed to determine the provider's cost in treating diabetic foot patient per day in orthopaedic ward, Universiti Kebangsaan Malaysia Medical Centre (UKMMC) in year 2006.

Result : A total of 54 patients fulfilled the inclusion and exclusion criteria, only 29 were eligible for analysis. The cost of health care providers derived from cost calculation on capital and recurrent costs. Results showed that the average cost for treating diabetic foot patient per day is RM 634.57. Recurrent costs contributed 75.3% of the total diabetic foot treatment and Intensive Care Unit costs was the biggest percentage (40.5%).

Discussion : The results were comparable with findings by Case-Mix Unit of UKMMC. Treatment cost of *diabetic foot* is substantial and therefore avoidance of this complication must be emphasized to all diabetic patients.

Key words : cost analysis, provider cost, diabetic foot

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