

**Status**1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | **9****Please check your submission [one more time](#)****Then scroll all the way down to the bottom of this page to submit your proposal.****THE COST OF POST STROKE TREATMENT AT SELECTED PUBLIC PRIMARY CARE HEALTHCENTRES IN MALAYSIA****Abdul Aziz AF**<sup>1</sup>, Muhammad Nur A<sup>2</sup>, Sulong S<sup>1</sup>, Aljunid SM<sup>3</sup><sup>1</sup>Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia, <sup>2</sup>Universiti Kebangsaan Malaysia, Cheras, Kuala Lumpur, Malaysia,<sup>3</sup>Kuwait University, Kuwait City, Kuwait

**OBJECTIVES:** Post stroke complications render long-term dependency on healthcare services. Cost analysis for post stroke treatment from primary care facilities is pertinent as most patients continue to be monitored as outpatients. This paper will focus on the cost of post stroke treatment per visit at public primary care healthcentres, and patients' sources for funding. **METHODS:** A cross sectional, cost analysis study from societal perspective, was conducted in three public primary care healthcentres in Peninsular Malaysia. Combination of top down and activity based costing methods was employed, using data from healthcentres' financial reports and patient expenditure diaries. The cost per primary care visit was estimated based on combination of care i.e.: consultation with the physician, laboratory investigations and medications for one months' supply from onsite dispensing pharmacy. **RESULTS:** Total of 74 patients were included for analysis. The mean age at stroke was 55.3 (SD8.4) years; with patients at median 1.3(2.7) years post stroke and median Barthel Index score 95(21). The mean adjusted annual income was RM18892.50 (SD 11448.92), with main source of income being from children (25%) and pension (21.1%). The cost per visit to a public primary care healthcentre, which includes consultation with a family physician, monitoring laboratory investigations and medications, was RM122.40 (109.62). The cost for consultation and medications was RM119.95 (109.62) while the cost for a prescription refill visit was RM61.09 (62.44) (2012 price). Providers' cost was mainly from staff emoluments (58.2%) and drugs (27.7%) while patients' cost was mainly (71%) from other direct costs such as transportation and meals during the clinic visits. Productivity loss for caregivers (16.5%) and patients (12.1%) were almost similar. **CONCLUSIONS:** The cost per visit to primary care for post stroke monitoring was substantial, and patients were financially dependent on their children and pension to pay for long-term stroke care.

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