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Introduction

- Stroke is a non-traumatic, focal vascular-induced injury of the central nervous system.
- Short Form (SF)-6D is a preference-based measure of health developed to estimate health utility values from the SF-36.

Purpose

- This study was aimed to estimate utility scores using data from a preference-based SF-36 for stroke patients in Nigeria.

Methods

- SF-36 responses from 125 individuals with stroke were transformed into utility values using the SF-6D algorithm developed by Brazier and colleagues.
- We used Excel programme to generate the SF-6D utility scores estimated using a set of parametric preference weights obtained from a sample of stroke patients.
- The utility was determined using ordinal health state valuation.

Results

- The mean age of the participants was 63.95 years.
- The average duration of stroke was 22 months.
- The mean (Standard Deviation (SD)) ordinal health state valuation for stroke patients was 0.48 (0.13).
- The mean (SD) utility for female and male participants were 0.46 (0.15) and 0.50 (0.12), respectively.

Conclusions

- Our results suggest that the stroke survivors considered their health poorer than expected and particularly women more than men.
- Our findings will be helpful to inform cost-effectiveness analyses of interventions to facilitate resource allocation for patients for preventing and managing individuals with stroke to improve their health outcomes.

Reference

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