

Supplementary appendix 1

Questionnaire for the evaluation of epilepsy cost

Name of PWE : _____ Code: OAE _____

Gender : _____ Age : _____ Profession: _____

Health Centre : _____

1. Monthly household income: _____
2. Number of medical consultations for epilepsy-related reasons per year: _____
3. Estimated financial cost per consultation: _____
4. Number of days of hospitalisation for epilepsy-related reasons per year: _____
5. Estimated financial cost per day of hospitalisation : _____
6. Estimated financial cost of paraclinical tests for epilepsy per year : _____
7. Estimated financial cost of antiepileptic drugs (AED) per month: _____
8. Estimated financial cost of transport (or motorbike fuel) per month for epilepsy-related ventures
(transport to hospital for consultation or for AED purchase): _____
9. Estimated cost of traditional medicine per year (in cash and in kind): _____

10. Number of days of work lost per month by PWE because of seizures: _____
11. Number of days of work lost per month by caretaker because of PWE's seizures: _____
12. Other comments: _____

Date: _____

Name / signature of investigator: _____

Supplementary appendix 2

Annual direct cost of epilepsy in the DRC: Comparison of the reported cost with recommended care^{1,2} cost

Item	Weighted mean direct cost of epilepsy care per year in our study (USD)	Annual direct cost of recommended care ^{1,2} in USD (first year)	Annual direct cost of recommended care ^{1,2} in USD (subsequent years)
Antiepileptic drugs	24.0	1.0 ¹	1.0 ¹
Medical consultation	6.0	1.0*	0
Hospitalization	4.8	2.4**	2.4
Paraclinical investigations	0	50***	0
Transportation	3.6	3.6	3.6
Traditional medicine	82.8	0	0
Total	121.2	58.0	7.0

*One-time consultation to open a patient file, collect full medical history and initiate follow-up

**Assumed to reduce by half upon initiating regular anti-epileptic drug therapy

***One-time electroencephalogram (EEG) during the initial consultation to confirm diagnosis

References

1. World Health Organisation. Epilepsy in the WHO African Region: Bridging the Gap. Geneva: WHO, 2004.
2. Chin JH. Epilepsy treatment in sub-Saharan Africa: closing the gap. *Afr Health Sci* 2012; **12**. DOI:10.4314/ahs.v12i2.17.