

ARISES SUPPLEMENTARY TABLES AND REFERENCES

S1. Health Related Quality of Life (HRQoL)

Country, Location, Setting	Author, Year	Recruitment	Case definition	Clarification by CT or MRI	Classification : first or recurrent	Classification of ischaemic stroke	Instrument used
<i>Gold standard/recommendation</i>	<i>Williams et al.²⁵, 1999. Vandenbroucke et al.⁶⁸, 2013. Sneeuw et al.⁸⁹, 1997.</i>	<i>Community based</i>	<i>WHO definition/criteria</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Stroke-specific HRQoL questionnaire</i>
Eastern Africa							
Malawi, Blantyre/urban	Heikinheimo et al. ⁹⁰ , 2015	Hospital based	WHO definition	Yes	Yes	No	Newcastle Stroke-specific Quality of Life Measure (NEWSQOL)
Kenya,	Muli et al. ⁹¹ , 2013	Hospital based	Not stated	No	No	No	Short-Form 36 (SF-36v2) questionnaire
Western Africa							
Ghana, Accra and Tema/urban	Donkor et al. ⁹² , 2014	Hospital based	Not stated	Yes	No	No	HRQoLSIP-40
Nigeria, Sokoto/urban	Abubakar et al. ⁹³ , 2012	Hospital based	CT and WHO definition	Yes	No	No	Not stroke specific
Nigeria, southwestern/urban	Akinpelu et al. ⁴⁰ , 2009	Hospital based	Not stated	No	No	No	Not stroke specific

Nigeria, Ibadan/urban	Owolabi et al. ²⁵ , 2008	Hospital based	WHO definition	Yes	No	No	HRQOL in stroke patients (HRQOLISP) questionnaire,
Nigeria, Maiduguri/ Northern/(Urban)	Vincent-Onabajo et al. ⁹⁴ , 2014	Hospital based	Not stated	No	Yes	No	HRQOLISP-26
Nigeria, North Eastern/(rural and urban)	Vincent-Onabajo, et al. ⁹⁵ 2015	Hospital based	Not stated	No	Yes	No	Health-Related Quality of Life in Stroke Patients-40 (HRQoLISP-40)
Nigeria (Ibadan), Germany(Median Klinik, and the Evangelisches Geriatisches Zentrum)/urban	Owolabi et al. ⁹⁶ , 2013	Hospital based	WHO criteria	Yes	Yes	No	Health related quality of life in stroke patients (HRQOLISP) measure
Nigeria, Lagos/urban	Oni et al. ⁹⁷ , 2016	Hospital based	Not stated	No	No	No	WHO QOL-BREF

S2. Disability adjusted life year (DALY)

Country, Location, Setting	Author, Year	Recruitment	Method used
South Africa			
South Africa, Agincourt sub-district/ rural	Maredza et al. ⁷¹ , 2000	Data based on previous epidemiological studies of stroke incidence and prevalence	Prevalence based approach using DisMod soft ware.
South Africa/ rural and urban	Bertram et al. ⁹⁸ , 2013	Data based on the previous studies on the prevalence and mortality of stroke	The DisMod programme was used to calculate missing epidemiological parameters, in particular incidence and duration. Using these values, disability adjusted life years (DALY) was calculated.

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