

Appendix 1: Epidemiological profile of studies included in the systematic review of the management of epilepsy in LMICs.

N°	Name of the first author	Title of article	Journal Name	Year of Publication	Country being studied	Study duration	Study design	Total number of included patients
01	Xin-Guang Yu	The management of symptomatic cerebral developmental venous anomalies: A clinical experience of 43 cases.	Medical Science Monitor	2016	China	1/1/2006–10/1/2015	Case series	11
02	Ab Fatah Ab Rahman	The use of lamotrigine and other antiepileptic drugs in pediatric patients at a Malaysian hospital.	Pharmacy World and Science	2005	Malaysia	10/1/2020–6/1/2021	Retrospective cohort study	209
03	Alessandra Nicoletti	Treating people with epilepsy in rural low-income countries is feasible. Observations and reflections from a “real life experience” after a long lasting intervention in the rural Chaco.	Frontiers in Neurology	2018	Bolivia	2012–2016	Prospective cohort study	157
04	Sichang Chen	Treatment for patients with recurrent intractable epilepsy after primary hemispherectomy.	Epilepsy Research	2018	China	2004–2014	Retrospective cohort study	182
05	Ahmad Beydoun	Treatment registry in focal epilepsy (TRIP): A multicenter observational study in Lebanon.	Seizure	2015	Lebanon	11/1/2008–9/1/2010	Prospective cohort study	234
06	K. Nimaga	Treatment with phenobarbital and monitoring of epileptic patients in rural Mali.	Bulletin of the World Health Organization	2002	Mali	5/1/1996–1999	Prospective cohort study	96
07	Majari Tripathi	Surgical outcome of cortical dysplasias presenting with chronic intractable epilepsy: A 10-year experience.	Neurology India	2008	India	1995–7/1/2006	Retrospective cohort study	57
08	Elisa Bruno	Results of an action-research on epilepsy in rural Mali.	PLOS One	2012	Mali		Prospective cohort study	596
09	M. K. Goyal	(STATUS epilepticus) role of magnetic resonance imaging in the evaluation of etiology of status epilepticus.	Journal of the Neurological Sciences	2008	India	8/1/2005–1/1/2007	Prospective cohort study	34
10	Gretchen L. Birbeck	Seizures in rural Zambia.	Epilepsia	2000	Zambia	1/1/1998–4/1/1998	Prospective cohort study	30
11	Jithangi Wanigasinghe	Experience during COVID-19 lockdown and self-managing strategies among caregivers of children with epilepsy: A study from a low-middle-income country.	European Journal of Epilepsy	2021	Sri Lanka		Cross-sectional study	140

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12	Mayoura Bounlu	Experience during COVID-19 lockdown and self-managing strategies among caregivers of children with epilepsy: A study from a low-middle-income country.	Journal of Epilepsy and Behavior	2018	Lao PDR	2/1/2016–5/1/2016	Cross-sectional study	62
13	Dominik Stelzle	Febrile seizures in an urban Tanzanian population: Lessons learned from a community-based random cluster survey.	Tropical Medicine and International Health	2021	Tanzania	5/1/2010–7/1/2010	Cross-sectional study	20
14	Zouhayr Souirti	Focal drug-resistant epilepsy: Progress in care and barriers, a Moroccan perspective.	Journal of Clinical Neuroscience	2016	Morocco	1/1/2011–12/1/2013	Retrospective cohort study	25
15	Jorge Eslava Cobos	High-dose phenytoin in the treatment of refractory epilepsy.	Journal of International League against Epilepsy	1987	Colombia		Case series	17
16	Rajath Pejaver	Hot-water epilepsy: a variant of reflex epilepsy in southern India.	Journal of Neurosciences in Rural Practices	2019	India		Case series	3
17	Chaturbhuj Rathore	Impact of COVID-19 pandemic on epilepsy practice in India: A tripartite survey.	European Journal of Epilepsy	2021	India		Cross-sectional Study	99
18	Lu Lu	In-hospital mortality of status epilepticus in China: Results from a nationwide survey.	European Journal of Epilepsy	2020	China	2013–2017	Retrospective cohort Survey	29031
19	Anthony T. Fuller	Hospital-based epilepsy care in Uganda: A prospective study of three major public referral hospitals.	Epilepsy and Behaviour Journal	2021	Uganda	2017–2018	Prospective cohort study	626
20	I. O. Onwuekwe	Pattern and presentation of epilepsy in Nigerian Africans: A study of trends in the southeast.	Transactions of the Royal Society of Tropical Medicine and Hygiene	2009	Nigeria	2002–2006	Retrospective cohort study	207
21	Stanley C. Igwe	Patterns of diagnosis and therapeutic care of epilepsy at a tertiary referral center in Nigeria.	Epilepsia	2014	Nigeria	2011–2012	Retrospective cohort study	372
22	Shixu He	Pregnancy outcome in women with epilepsy in Western China: A prospective hospital-based study.	Epilepsy and Behavior	2017	China	2009–2015	Prospective cohort Study	137

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N°	Name of the first author	Title of article	Journal Name	Year of Publication	Country being studied	Study duration	Study design	Total number of included patients
23	S. Berhanu	Primary care treatment of epilepsy in rural Ethiopia: causes of default from follow-up.	Epilepsia	2009	Ethiopia	2005–2005	Retrospective cohort study	113
24	K. Radhakrishnan	Profile of antiepileptic pharmacotherapy in a tertiary referral center in South India: A pharmacoepidemiologic and pharmacoeconomic study.	Epilepsia	1999	India	1993–1995	Cross-sectional study	972
25	J. P. Singhvi	Profile of intractable epilepsy in a tertiary referral center.	Neurology India	2000	India	1997–1998	Retrospective cohort study	100
26	Nkole	Ketogenic diet in Zambia: Managing drug-resistant epilepsy in a low- and middle-income country.	Epilepsy and Behavior Reports	2020	Zambia		Case report	3
27	Lukić	Outcome prediction of initial lamotrigine monotherapy in adult patients with newly diagnosed localization-related epilepsies.	Epilepsy Research Health Organization	2013	Serbia	1/1/2003–1/1/2003	Retrospective Cohort Study	159
28	K. Nimaga	Treatment with phenobarbital and monitoring of epileptic patients in rural Mali	Bulletin of the World Health Organization	2002	Mali	1996–1998	Cross-sectional Survey	96
29	Machado-Alba	Drug utilization study in patients receiving antiepileptic drugs in Colombia.	Neurologia	2016	Colombia	18/07/2013–31/08/2014	Cross-sectional study	373
30	Joshi	Effect of clobazam as add-on antiepileptic drug in patients with epilepsy.	Indian J Med Res	2014	India	10/1/2010–3/1/2012	Retrospective cohort study	417
31	Sridharan	Epidemiological and clinical study of epilepsy in Benghazi, Libya.	Epilepsia	1986	Libya	1-Jan-83–31-Dec-84	Prospective cohort Study	568
32	Rajbhandari	Epilepsy field workers, a smartphone application and telephone telemedicine: Safe and effective epilepsy care in rural Nepal.	Seizure: European Journal of Epilepsy	2019	India		Prospective cohort Study	97
33	Bhalla	Epilepsy in Cambodia-treatment aspects and policy implications: A population-based representative survey.	PLOS One	2013	Cambodia	3/1/2009–6/1/2011	Cross-sectional Survey	96
34	Aziz	Epilepsy in Pakistan: A population-based epidemiologic study.	Epilepsia	1994	Pakistan		Cross-sectional Survey	241
35	Christianson	Epilepsy in rural South African children prevalence, associated disability and management.	South African Medical Journal	2000	South Africa		Prospective cohort Study	49

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N°	Name of the first author	Title of article	Journal Name	Year of Publication	Country being studied	Study duration	Study design	Total number of included patients
36	Sawhney	Evaluation of epilepsy management in a developing country: a prospective study of 407 patients.	Acta Neurologica Scandinavica	1996	India	1990–1993	Prospective cohort Study	407
37	Tutar Güven	Evaluation of the efficiency of the WEEP for youth with epilepsy and parents: A randomized controlled trial.	Epilepsy and Behavior	2020	Turkey	11/1/2017–4/1/2018	Randomised controlled trial	69
38	A. T. Feksi	A comprehensive community epilepsy program: the Nakuru project.	Epilepsy Research	1991	Kenya		Retrospective cohort study	302
39	Haseeb Hassan	An audit of the predictors of outcome in status epilepticus from a resource-poor country: A comparison with developed countries.	N/A	2016	India	1/1/2000–2010	Retrospective cohort study	84
40	B. Adamolekun	An evaluation of the management of epilepsy by primary health care nurses in Chitungwiza, Zimbabwe.	N/A	2000	Zimbabwe	1/1/1995–12/1/1996	Retrospective cohort study	114
41	M. Placencia	Antiepileptic drug treatment in a community health care setting in northern Ecuador: A prospective 12-month assessment.	N/A	1993	Ecuador		Randomized control trial	192
42	Gabriel Crevier-Sorbo	Assessment and treatment of childhood epilepsy in Haiti.	Medicine (Baltimore)	2020	Haiti	2008–2018	Retrospective cohort study	812
43	Wei Li	Clinical characteristics and pregnancy outcomes of new onset epilepsy during pregnancy.	Epilepsia	2019	China	6/1/2013–11/1/2018	Prospective Cohort Study	22
44	Symon M. Kariuki	Clinical features, proximate causes, and consequences of active convulsive epilepsy in Africa.	Epilepsia	2014	South Africa	8/1/2008–4/1/2011	Cross-sectional Study	331
45	Farid Boumediene	Community-based management of epilepsy in Southeast Asia: Two intervention strategies in Lao PDR and Cambodia.	The Lancet Regional Health-Western Pacific	2020	Lao PDR	2014–2015	Non-randomised controlled trial	42
46	Jagarlapaudi M. K. Murthy	Convulsive status epilepticus: Clinical profile in a developing country.	Epilepsia	2007	India	1/1/1994–12/1/1996	Prospective Cohort Study	85
47	Victor Patterson	Diagnosis of epileptic seizures by community health workers using a mobile app: A comparison with physicians and a neurologist.	European Journal of Epilepsy	2018	India		Validation study	101
48	R. Ouazzani	La Chirurgie de l'épilepsie au Maroc, étude et suivi à long terme de 51 patients.	North African and Middle-East Epilepsy Journal	2013	Morocco	2005–2021	Retrospective cohort study	51

LMICs: Low-and-middle-income countries, WEEP: Web-based epilepsy education program