Supplemental material

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#	Including (√ or ×)	Author	Year	Measuring tools	Study design	Research period	Country	Total sample size	Sample source of experimental group	Experimental group (N)	Control group (N)	Sample source of control group	Age, years (Mean± SD)	Female (N,%)	Stroke reference period	Adjusted risk factors	OR	LL-95%CI	UL-95%CI	Selection	Comparability	Outcome	NOS scores	AHRQ scores
NO.1	√	Zhang Qin	2020	Self-made questionnaire, ADL, SAS, SDS, SFES-I	cross-sectional study	May 2017-January 2019	China	221	the Medical Department of Neurology, Department of Cardiology, Shandong First Medical University, Shandong, People's Republic of China	NR	NR	NR	60.13±8.72	88 (39.82)	first-onset stroke recovery period	1.Age;	1.355	1.057	1.737					4
																2.Marital status;	0.617	0.435	0.875					
																3. History of falls;	2.058	1.165	3.635					
																4.Anxiety;	2.292	1.431	3.671					
																5.Depression	1.802	1.217	2.669					
NO.10	√	Li Ying	2014	Self-made questionnaire, MMSE, The single-item question, MFES, BBS, TUGT	case-control study	March 2013-August 2013	China	170	the Medical Department of Neurology, Huadong Hospital Affiliated to Fudan University, ShangHai, People's Republic of China	67	103	Patients in the same period	73.54; Male: 73.0±8.4 Female: 74.2±7.6	76 (44.70)	Medically diagnosed	1. Berg balance force (min)	0.697	0.609	0.799	4	2	3	9	
																2. TUG mobile capability (s)	1.180	1.093	1.273					
																3.History of falls within 6 meters	2.728	1.082	6.878					
NO.14	√	Yadav, T.	2020	TUG, FM, PHQ-9, The single-item question	case-control study	23 August-10 February 2019.	India	82	Data were collected from 82 subjects who were recruited from tertiary-care rehabilitation centers, specialized centers for elderly, hospitals/clinics where they came for follow-up visits, and by contacting physical therapists providing home visit	59	23	community controls	51.6 ± 12.13	22(26.8)	patients with cerebral stroke for more than 3 months	1..Gender (Male)	3.254	0.826	12.822	4	2	2	8	
																2.Fugl-Meyer Scale score	1.136	1.002	1.287					
																3.Timed Up and Go score	1.006	0.904	1.119					
NO.25	√	Amanda Larén	2018	The single-item question, The SwePASS, SGPALS, using a walking aid and/or a wheelchair, NIHSS	prospective cohort study	between 1 October 2014 and 30 June 2016.	Sweden	462	the stroke unit of the Sahlgrenska University Hospital (SU)/Östra, Gothenburg, Sweden	237	225	similar participants	74.8 ± 12	226 (48.9)	patients aged 18 years or older with a diagnosis of a first-ever or recurrent clinical stroke	1.Female	2.25	1.46	3.46	3	2	3	8	

NO.		Author	Year	Tools	Study design	Study period	Country	N	FOF	Comparison	Age	FOF n (%)	Setting / Inclusion	Risk factor	OR	CI low	CI high				Total
														2.SwePASS total score<24	9.41	5.13	17.25				
														3.SwePASS total score25-30	2.29	1.36	3.83				
														4.SwePASS score>31	1						
														5.Using a walking aid	3.4	2.12	5.43				
NO.36	√	Schinkel-Ivy, A.	2016	The single-item question, ABC	case-control study	October 2009 and September 2012	Canada	208	84	124 participants	FOF: 68.6 ±11.6 No FOF: 65.3±13.6	FOF:52 (61.9) No FOF: 43 (34.7)	in-patient stroke rehabilitation	1.Grasp reactions	0.98	0.95	1.01				7
														2.Assists	0.98	0.96	1.000				
NO.39	√	Goh, H. T.	2016	FAC, FM, BBS, MoCA, PHQ-9, FES-I, FSS	case-control study	NR	china	125	75	50	66.6±6.9	26 (35)	aged 60 years or older, had stroke onset more than 3 months ago	FAC≤4	9.75	1.98	48.04	3	2	2	7
NO.74	√	Beliz Belgen	2006	The single-item question, FES-S, STS, FMA, BBS, TUG, SIS mood and	cross-sectional study	NR	Sweden	50 NR	NR	NR	NR	59.9±11.9	19 (38)	they had a stroke onset more than 1 month prior	History of falls;	5.6	1.3	23				6
NO.93	√	Netha Hussain	2021	NIHSS,MoCA,The single-item question,SwePASS,SGPALS	This prospective, longitudinal cohort study	between 1 October 2014 and 30 June 2016	Sweden	279	117	162 participants	75. 83 ± 11.17 FOF:78.05 ± 11.13 No FOF: 74.22 ± 10.95	143 (51.3) FOF:71 (60.7) No FOF: 72 (44.4)	individuals 18 years or older,All the participants in the FallsGOT cohort who were still alive 6 months after a stroke.	1.Age	1	0.97 1.0	1.02 1.06	3	2	3	8
														2.Female	1.84	0.9	3.8				
														3.falls	1.92	0.76	5.04				
														4.Use of walking aid	0.81	0.44	1.48				
														5.SwePASS score (postural control)-- Poor (0–24)	2.6	1.26	5.36				

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6.SwePASS score---Moderate (25–30)	2.32	0.98	5.52
7.SGPALS score--Physically inactive	2.04	1.01	4.12