

Table S23

Multiple Sclerosis: Study Design Details and Participant Characteristics for Verbal Cueing as a Treatment Modality

Source	N	Study design	Sex (% female)	Age range (years)	Dysarthria type	Inclusion/exclusion criteria	Inferential statistics	Power analysis	Control group	Baseline data collected	Control intervention	Number of treatment sessions	Mode of treatment delivery	Home exercise plan	Patient-reported outcomes	Treatment effect size
Tjaden & Wilding (2004)	27	Secondary analysis; Quasi-experimental	59.20%	25-81	Spastic Ataxic Hyperkinetic Hypokinetic	Inclusion 1,2,3,4: <ul style="list-style-type: none"> No previous experience with LSVT No surgical treatment (PD participants) 	Yes	No	Yes	Yes – single baseline	Yes	1	In person individual	No	No	No
Tjaden & Wilding (2011)	26	Secondary analysis; Quasi-experimental	57.60%	33-74	Spastic Ataxic Hyperkinetic Hypokinetic	Inclusion 1, 2, 3, 4: <ul style="list-style-type: none"> No previous experience with LSVT No surgical treatment (PD participants) 	Yes	No	Yes	Yes – single baseline	Yes	1	In person individual	No	No	No
Tjaden et al. (2013)	24	Secondary analysis; Quasi-experimental	50.00%	47-78	NR	Inclusion 1, 2, 4, 5: <ul style="list-style-type: none"> Achieved at least a high school diploma Exclusion: <ul style="list-style-type: none"> Hearing aid use 	Yes	No	Yes	Yes – single baseline	Yes	1	In person individual	No	No	No
Tjaden et al. (2014)	46	Secondary analysis; Quasi-experimental	NR	NR	NR	Inclusion 1, 5: <ul style="list-style-type: none"> Achieved at least a high school diploma Exclusion: <ul style="list-style-type: none"> Hearing aid use 	Yes	No	Yes	Yes – single baseline	No	1	In person individual	No	No	No

Note. NR, not reported. MMSE, Mini-Mental State Examination. LSVT, Lee Silverman Voice Treatment. PD, Parkinson's disease. Inclusion Criteria: ¹No other neurological disease than multiple sclerosis or Parkinson's disease; ²Native speakers of American English; ³Age-typical hearing; ⁴Passed cognitive screen; ⁵Normal or corrected vision.