

Table S12

Parkinson's disease: Study Design Details and Participant Characteristics for Expiratory Muscle Strength Training 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
Darling-White & Huber (2017)	12	Prospective, single-subject	25.00%	66-82	NR	<ul style="list-style-type: none"> Inclusion: • Speech characteristics indicative of speech breathing deficits per SLP • No severe depression per the Beck Depression Inventory • No neurological diseases except PD • No hypertension • No respiratory illness • No head, neck, or chest surgery except DBS • Non-smoking • Free of infections, colds, or allergies on testing days 	Yes	No	No	Yes – multiple baselines	No	20 (5 days p/week for 4 weeks)	In person, individual	Yes	No	Yes

Note. PD, Parkinson's disease; SLP, Speech-language Pathologist. NR, not reported.