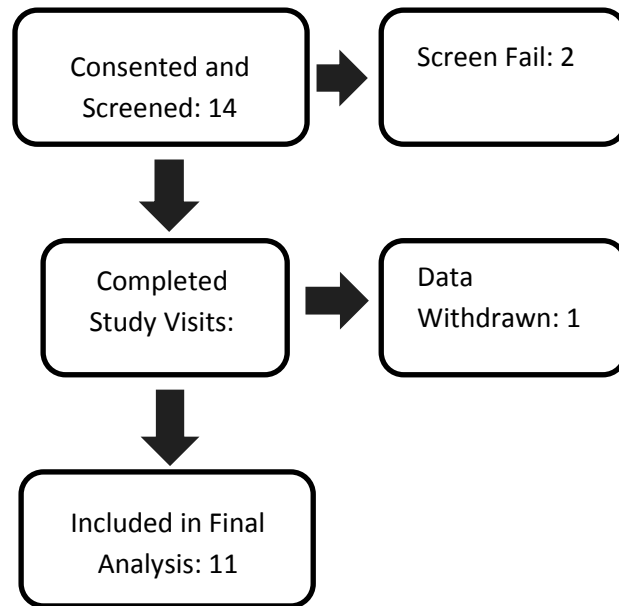


1. Participant Flow



A flow diagram showing participants involved at each stage of the study (namely enrolment, intervention allocation, follow-up, and data analysis).

2. Baseline Characteristics

	Healthy Volunteers	Chronic Cough	P
Number	10	11	-
Male/Female	5/5	2/9	0.140
Age	54.40 (9.42)	60.73 (9.78)	0.148
BMI (kg/m²)	24.53 (3.75)	25.47 (3.62)	0.565
FEV₁ % predicted	108.50 (11.95)	100.90 (12.66)	0.174
FVC % predicted[†]	107.50 (17)	112.00 (17)	0.085
HR	65.50 (10.88)	73.82 (10.65)	0.093
sBP	121.60 (9.204)	135.91 (18.47)	0.040*
dBP	70.70 (9.62)	73.55 (12.80)	0.575

Data shown is mean and standard deviation except where † indicates median and IQR are shown.

3. Outcome Measures

Primary Outcome Measure	Healthy Volunteers	Chronic Cough	P
Heart-Rate Change during Valsalva Manoeuvre (Mean and standard Deviation)	1.72 (0.40)	1.55 (0.39)	0.328

Secondary Outcome Measures	Healthy Volunteers	Chronic Cough	P
Deep Metronomic Breathing Heart-Rate Change	1.33 (0.14)	1.35 (0.18)	0.754
Heart-Rate change sitting to standing	1.24 (0.08)	1.22 (0.10)	0.637
Cold Pressor Test Heart-Rate Rise	16.11 (4.84)	13.98 (8.52)	0.584
HUT Heart-Rate Rise	26.27 (12.94)	18.76 (10.07)	0.084
Blood Pressure Drop upon standing	14.32 (9.70-18.44) (n=6)	19.16 (10.91-28.99)	0.404
Cold Pressor Test Blood Pressure Rise	17.00 (13.01-37.84) (n=5)	12.63 (9.73-30.37) (n=10)	0.310
HUT Blood Pressure Drop	11.56 (6.82-35.76) (n=7)	4.39 (2.47-12.39)	0.211
Valsalva Blood Pressure Drop	16.68 (10.08-25.94)	9.53 (4.25-23.77)	0.512
HADS – Anxiety†	3 (0.75-5.00)	4.5 (3-6)	0.173
HADS - Depression†	0 (0.00-5.00)	2 (0.00-4.00)	0.075

Comparison of the BP changes in response to autonomic function were tested using Mann-Whitney-U tests. Medians and IQR are shown. Comparison of mean HR responses to autonomic function were tested between groups using t-tests. Standard deviations are shown in brackets.

4. Adverse Events

There were no adverse events associated with this trial.