

Table S3: Change in dyspnea sensation, quality of life, PImax and 6MWD in the subgroups of patients with IC/TLC ≤ or > 25 %.

			Control group (n = 75)	IMT Group (n = 74)	P-Value
Dyspnea Scales					
Δ Borg Scale	IC/TLC > 25% (n=90)		-0.9 ± 1.7	-1.25 ± 1.8	0.341
	IC/TLC ≤ 25 % (n=52)		-0.91 ± 1.91	-1.41 ± 2.58	0.832
Δ MMRC	IC/TLC > 25% (n=90)		-0.69 ± 1.2	-0.96 ± 1.1	0.281
	IC/TLC ≤ 25 % (n=52)		-0.85 ± 1.4	-0.59 ± 1.3	0.647
MDP questionnaire					
Δ <i>Sensory Intensity</i>	IC/TLC > 25% (n=90)		-3.33 ± 9.2	-3.94 ± 9.6	0.762
	IC/TLC ≤ 25 % (n=52)		-3.64 ± 13.0	-4.59 ± 11.7	0.801
Δ <i>Muscle work / Effort</i>	IC/TLC > 25% (n=90)		-0.64 ± 2.8	-0.76 ± 2.9	0.841
	IC/TLC ≤ 25 % (n=52)		-1.24 ± 3.4	-0.18 ± 2.8	0.367
Δ <i>Not enough air/smother/air hunger</i>	IC/TLC > 25% (n=90)		-1.21 ± 2.4	-0.92 ± 3.3	0.650
	IC/TLC ≤ 25 % (n=52)		-0.7 ± 2.9	-1.59 ± 3.5	0.219
Δ <i>Tight/constricted</i>	IC/TLC > 25% (n=90)		-0.28 ± 2.4	-0.25 ± 2.7	0.979
	IC/TLC ≤ 25 % (n=52)		-0.58 ± 2.46	-1.18 ± 2.7	0.446
Δ <i>Mental effort/concentrate</i>	IC/TLC > 25% (n=90)		-0.49 ± 2.1	-1.16 ± 2.8	0.258
	IC/TLC ≤ 25 % (n=52)		-0.73 ± 3.6	-0.53 ± 2.9	0.672
Δ <i>Breathing a lot (rapid. deep. heavy)</i>	IC/TLC > 25% (n=90)		-0.72 ± 3.0	-0.84 ± 2.5	0.831
	IC/TLC ≤ 25 % (n=52)		-0.39 ± 3.7	-1.12 ± 3.3	0.503
SGRQ					
Δ Total	IC/TLC > 25% (n=90)		-11.24 ± 13.7	-10.8 ± 10.1	0.869
	IC/TLC ≤ 25 % (n=52)		-6.3 ± 10.8	-7.63 ± 11.4	0.694
Δ Symptoms	IC/TLC > 25% (n=90)		-5.97 ± 14.8	-3.7 ± 15.6	0.491
	IC/TLC ≤ 25 % (n=52)		-0.55 ± 14.7	-8.5 ± 13.9	0.077
Δ Activity	IC/TLC > 25% (n=90)		-14.47 ± 18.9	-10.84 ± 15.1	0.319
	IC/TLC ≤ 25 % (n=52)		-5.36 ± 15.1	-5.13 ± 12.6	0.621
Δ Impact	IC/TLC > 25% (n=90)		-11.21 ± 15.5	-12.7 ± 12.4	0.618
	IC/TLC ≤ 25 % (n=52)		-8.7 ± 14.2	-8.75 ± 14.8	0.990
Functional parameters					
Δ PImax (cm H ₂ O)	IC/TLC > 25% (n=90)		10.28 ± 13.7	17.3 ± 14.5	0.022
	IC/TLC ≤ 25 % (n=52)		9.33 ± 13.6	9 ± 15.1	0.937
Δ 6MWD (m)	IC/TLC > 25% (n=90)		44.41 ± 43.9	27.47 ± 44.38	0.075
	IC/TLC ≤ 25 % (n=52)		26.15 ± 44.7	8.53 ± 71.9	0.366

Δ: difference (after minus before intervention); cm: centimetres; IC : Inspiratory Capacity; IMT: Inspiratory muscle training; l: liters; m: meters; MDP: multidimensional dyspnea profile; MMRC: Modified Medical Research Council; PImax: maximal inspiratory pressure; SGRQ: Saint George's Respiratory Questionnaire; TLC: Total Lung Capacity
Values are expressed as mean ± SD