

Parameter	NYHA I&II (n=33)	NYHA III&IV (n=46)	p-value
Age - yrs	45.2±12.2	46.9±11.1	>0.05
BMI - kg/m ²	27.9±7.8	29.3±7.4	>0.05
6MWD - m	472.8±109.5	334±151	<0.0001
Metabolic Profile:			
Mean TG/HDL-C Ratio	2.68±0.22	3.24±0.4	>0.05
Insulin Sensitive - n (%)	15 (45.5)	17 (37)] >0.05
Insulin Resistant - n (%)	15 (45.5)	23 (50)	
Indeterminate - n (%)	3 (9)	6 (13)	

Table S1. Characterization of metabolic profile by functional class in PAH females. PAH females with a more advanced functional class (NYHA III & IV) have a significantly lower 6MWD ($p < 0.0001$) than those with NYHA I & II symptoms. While patients with more advanced functional class appear to be more insulin resistant (TG/HDL-C NYHA III & IV = 3.24 ± 0.4 vs NYHA I & II = 2.68 ± 0.22), the difference is not statistically significant ($p > 0.05$). Moreover, the prevalence of insulin resistance is not different between the 2 groups. NYHA = New York Heart Association Functional Class, BMI = Body Mass Index, 6MWD = 6-Minute Walk Distance, TG/HDL-C = Triglyceride (TG) to high-density lipoprotein cholesterol (HDL-C) ratio. All values reported as Mean±SD.