

Supplementary table S2. Testing and interventions and key haemodynamic parameters performed at time of pulmonary hypertension diagnosis, overall and by primary WSPH group. Total N (data available) ranges from 1416 to 1438 according to test, out of total cohort N=1475. Some percentages may not total to 100% due to rounding.

	Overall (n=1475)	WSPH					Grp 1 vs. 3 pvalue
		Group 1 (n=663)	Group 2 (n=54)	Group 3 (n=720)	Group 4 (n=8)	Group 5 (n=30)	
Echo							0.88
Yes	1433 (99.2%)	640 (99.2%)	54 (100%)	701 (99.2%)	8 (100%)	30 (100%)	
No	11 (0.8%)	5 (0.8%)	0 (0%)	6 (0.8%)	0 (0%)	0 (0%)	
ECG							<.001
Yes	893 (63.0%)	476 (75.8%)	37 (69.8%)	354 (50.6%)	7 (87.5%)	19 (63.3%)	
No	525 (37.0%)	152 (24.2%)	16 (30.2%)	345 (49.4%)	1 (12.5%)	11 (36.7%)	
6-MWD							<.001
Yes	91 (6.4%)	76 (12.0%)	1 (2.0%)	10 (1.4%)	2 (25.0%)	2 (6.7%)	
No	1338 (93.6%)	559 (88.0%)	50 (98.0%)	695 (98.6%)	6 (75.0%)	28 (93.3%)	
Exercise test							<.001
Yes	30 (2.1%)	25 (3.9%)	0 (0%)	3 (0.4%)	0 (0%)	2 (6.7%)	
No	1398 (97.9%)	609 (96.1%)	51 (100%)	702 (99.6%)	8 (100%)	28 (93.3%)	
MRI							<.001
Yes	40 (2.8%)	30 (4.8%)	1 (1.9%)	7 (1.0%)	1 (12.5%)	1 (3.3%)	
No	1376 (97.2%)	595 (95.2%)	51 (98.1%)	694 (99.0%)	7 (87.5%)	29 (96.7%)	
Chest X-rays							0.001
Yes	1038 (73.3%)	434 (69.4%)	38 (73.1%)	541 (77.2%)	6 (75.0%)	19 (63.3%)	
No	378 (26.7%)	191 (30.6%)	14 (26.9%)	160 (22.8%)	2 (25.0%)	11 (36.7%)	
Chest CT							<.001
Yes	274 (19.3%)	162 (25.8%)	6 (11.5%)	90 (12.8%)	6 (75.0%)	10 (33.3%)	
No	1146 (80.7%)	466 (74.2%)	46 (88.5%)	612 (87.2%)	2 (25.0%)	20 (66.7%)	
PFT							<.001
Yes	64 (4.5%)	46 (7.2%)	4 (7.5%)	11 (1.6%)	1 (12.5%)	2 (6.7%)	
No	1363 (95.5%)	589 (92.8%)	49 (92.5%)	690 (98.4%)	7 (87.5%)	28 (93.3%)	
Card. catheterization							<.001
Yes	722 (50.2%)	450 (69.8%)	42 (79.2%)	210 (29.9%)	4 (50.0%)	16 (53.3%)	
No	716 (49.8%)	195 (30.2%)	11 (20.8%)	492 (70.1%)	4 (50.0%)	14 (46.7%)	
Lung biopsy							0.81
Yes	35 (2.5%)	14 (2.2%)	1 (1.8%)	17 (2.4%)	0 (0%)	3 (10.0%)	

	Overall (n=1475)	WSPH					Grp 1 vs. 3 pvalue
		Group 1 (n=663)	Group 2 (n=54)	Group 3 (n=720)	Group 4 (n=8)	Group 5 (n=30)	
No Interventions	1391 (97.5%)	615 (97.8%)	55 (98.2%)	686 (97.6%)	8 (100%)	27 (90.0%)	<.001
Yes	93 (6.5%)	24 (3.8%)	0 (0%)	67 (9.5%)	1 (12.5%)	1 (3.3%)	
No Hospitalization	1336 (93.5%)	611 (96.2%)	52 (100%)	637 (90.5%)	7 (87.5%)	29 (96.7%)	<.001
Yes	1032 (72.0%)	395 (62.5%)	40 (75.5%)	572 (80.6%)	6 (75.0%)	19 (63.3%)	
No	401 (28.0%)	237 (37.5%)	13 (24.5%)	138 (19.4%)	2 (25.0%)	11 (36.7%)	
Hemodynamics at Diagnosis*							
PVRI, Woods units**	7.1 (4.6, 13.4)	9.0 (5.0, 16.1)	7.2 (3.8, 14.2)	5.8 (4.3, 8.3)	6.3 (6.3, 6.3)	4.3 (3.6, 4.8)	<.001
PVRI:SVRI**	0.50 (0.32, 0.80)	0.58 (0.33, 0.90)	0.50 (0.36, 0.58)	0.41 (0.29, 0.62)	0.27 (0.27, 0.27)	0.35 (0.22, 0.45)	<.001
Mean PAP, mmHg	43.4 ± 19.3	46.6 ± 20.4	44.3 ± 17.7	37.1 ± 15.5	35.0 ± 12.3	31.6 ± 11.5	<.001
Mean PAP:SBP**	0.73 (0.50, 0.96)	0.79 (0.56, 1.00)	0.61 (0.52, 1.00)	0.57 (0.46, 0.85)	0.57 (0.44, 0.69)	0.56 (0.32, 0.85)	<.001
Mean RAP, mmHg	7.1 ± 3.3	7.1 ± 3.3	8.3 ± 3.7	6.7 ± 2.9	12.3 ± 5.5	7.6 ± 4.4	0.08

MRI = magnetic resonance imaging; CT=computed tomography; PFT=pulmonary function test; MWD=minute walk distance; Card.=cardiac; PVRI=pulmonary vascular resistance index; PAP=pulmonary artery pressure; RAP=right atrial pressure

*Hemodynamics total N = 612 for PVRI; 531 for PVRI:SVRI, 690 for mean PAP; 500 for Mean PAP:Systolic blood pressure; 635 for mean RAP

**median (interquartile range)