

SUPPLEMENTARY MATERIAL

Non-invasive risk stratification of pulmonary hypertension in idiopathic pulmonary fibrosis: a screening approach from a prospective observational study

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Supplementary Table 1. Clinical and anamnestic variables by pulmonary hypertension probability.

Variable	Low Probability (n=14)	Intermediate Probability (n=4)	High Probability (n=9)
Age (mean)	67	73	66
Sex (M/F)	12/2	4/0	6/3
Smoking	10	2	4
Cough	10	2	8
Dyspnea (NYHA)	II [I–IV]	III [II–IV]	III [II–IV]
Syncope	3	1	6
Hyperinflation	1	0	2

NYHA, New York Heart Association; M, male; F, female; PH, pulmonary hypertension.

Supplementary Table 2. Computed tomography parameters by pulmonary hypertension probability.

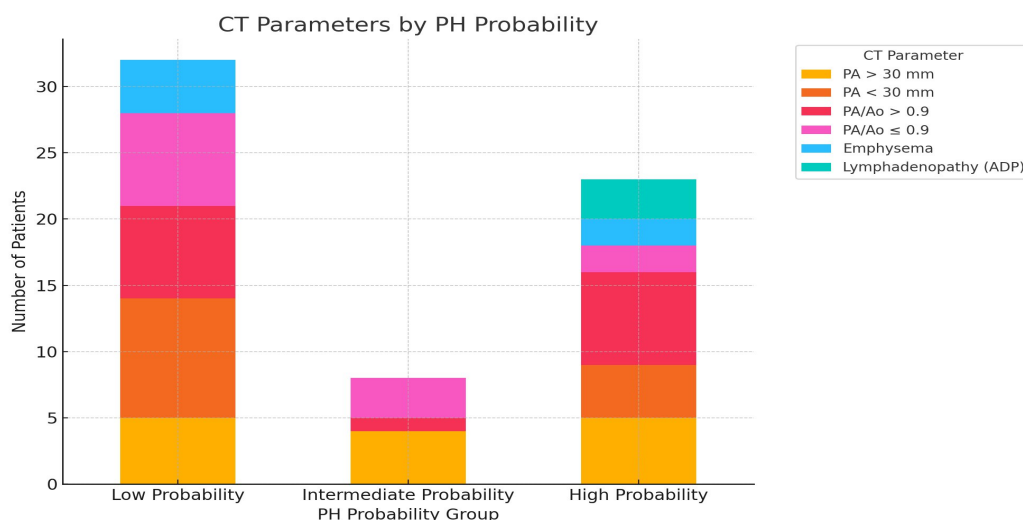
CT Parameter	Low Probability (n=14)	Intermediate Probability (n=4)	High Probability (n=9)
PA > 30 mm	5	4	5
PA < 30 mm	9	0	4
PA/Ao > 0.9	7	1	7
PA/Ao ≤ 0.9	7	3*	2
Emphysema	4	0	2
Lymphadenopathy (ADP)	0	0	3

CT, computed tomography; PA, pulmonary artery; Ao, ascending aorta; PA/Ao, pulmonary artery-to-aorta diameter ratio. *Aortic ectasia was identified in two patients.

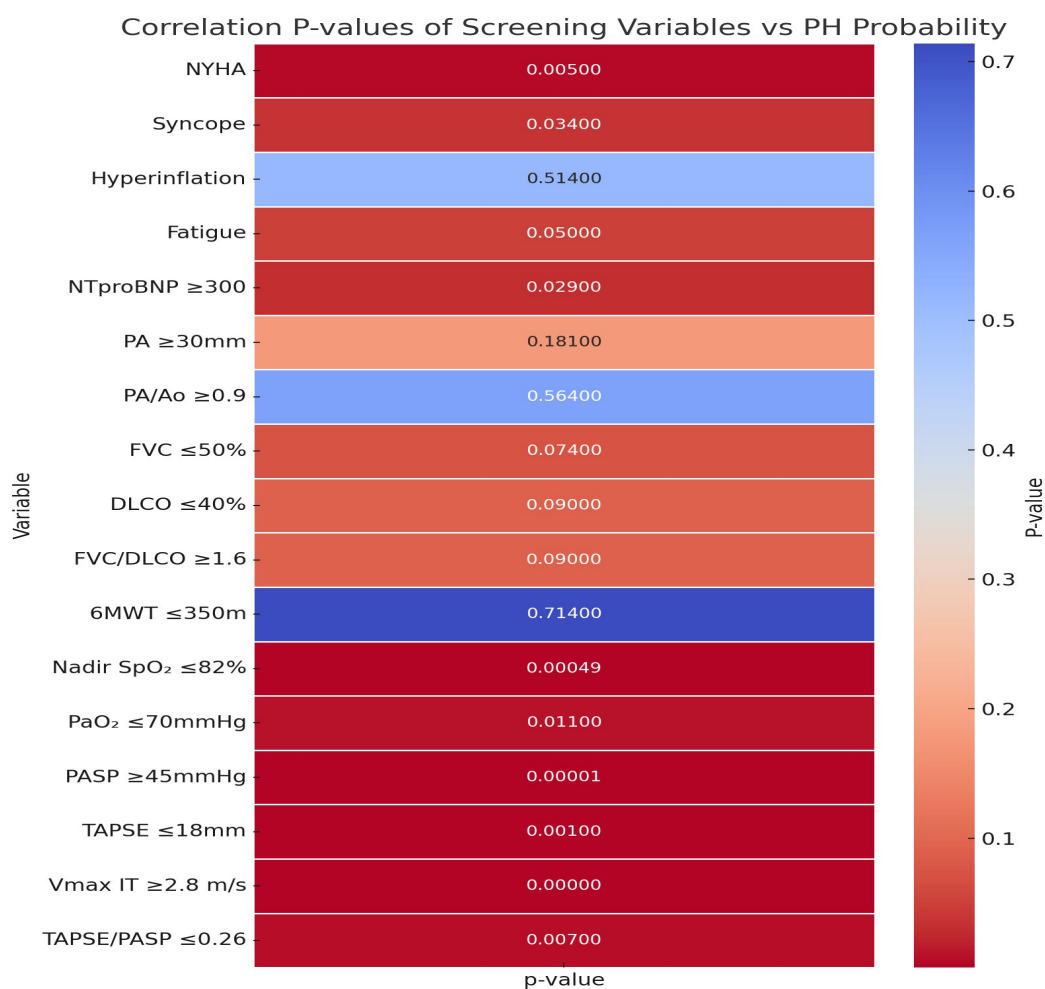
Supplementary Table 3. Pulmonary function parameters by pulmonary hypertension probability.

Parameter	Low Probability (n=14)	Intermediate Probability (n=4)	High Probability (n=9)
FVC > 50%	12	2	5
FVC ≤ 50%	2	2	4
DLCO > 40%	10	0	2
DLCO ≤ 40%	1	2	0*
FVC/DLCO ≥ 1.6	1	1	1
FVC/DLCO < 1.6	10	1	1
PaO ₂ ≥ 70 mmHg	11	1	2
PaO ₂ < 70 mmHg	3	3	7
6MWT Distance < 350 m	7	2	3
6MWT Distance ≥ 350 m	6	1	2
Nadir SpO ₂ (%)	90.5	78	74

FVC, forced vital capacity; DLCO, diffusing capacity of the lung for carbon monoxide; PaO₂, arterial oxygen tension; 6MWT: six-minute walk test; SpO₂: peripheral oxygen saturation. *The test could not be performed in 12 patients because it was technically unfeasible: 3 with a low probability of pulmonary hypertension (PH), 2 with an intermediate probability, and 7 with a high probability of PH.



Supplementary Figure 1. Computed tomography parameters by echocardiographic pulmonary hypertension probability.



Supplementary Figure 2. Heatmap of correlation p-values for pulmonary hypertension screening variables.