**Supplementary Table S1 ROC analysis of hemodynamic measurements**

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| --- | --- | --- | --- |
| **Variable**  | **Sensitivity (%)** | **Specificity (%)** | **p-value** |
| Mean RAP > 7.5 mmHg | 89 | 57 | 0.03\* |
| PASP > 64.5 mmHg | 89 | 76 | 0.002\* |
| PADP > 36 mmHg | 67 | 84 | 0.008\* |
| Mean PAP > 42.5 mmHg | 89 | 70 | 0.003\* |
| TPG > 30 mmHg | 89 | 65 | 0.003\* |
| PVRi > 8.0 Wood units/m2 | 78 | 70 | 0.009\* |
| Diastolic pulmonary gradient > 24.5 mmHg | 67 | 81 | 0.009\* |
| PA elastance indexed > 3.15 mmHg/ml/m2 | 56 | 95 | 0.03\* |
| Mean PCWP > 10.5 mmHg | 67 | 62 | 0.07 |
| PA pulse pressure > 36.5 mmHg | 56 | 84 | 0.09 |
| PA compliance indexed 0.93 ml/mmHg | 56 | 84 | 0.11 |
| PSV indexed < 26.5 ml/m2 | 56 | 81 | 0.35 |
| RVSWI > 950 mmHg×mL/m2 | 77 | 62 | 0.24 |
| PAPi < 6.39 | 100 | 16 | 0.92 |

mPAP - mean pulmonary arterial pressure, PA - pulmonary artery, PASP - pulmonary arterial systolic pressure, PADP - pulmonary arterial diastolic pressure, PAPi - Pulmonary artery pulsatility index, PCWP – pulmonary capillary wedge pressure, PSVi - pulmonary stroke volume index, RAP – right atrial pressure, RVSWI - Right ventricular stroke work index, \*p < 0.05 is significant