

Supplementary material

Impaired right ventricular lusitropy is associated with ventilatory inefficiency in PAH

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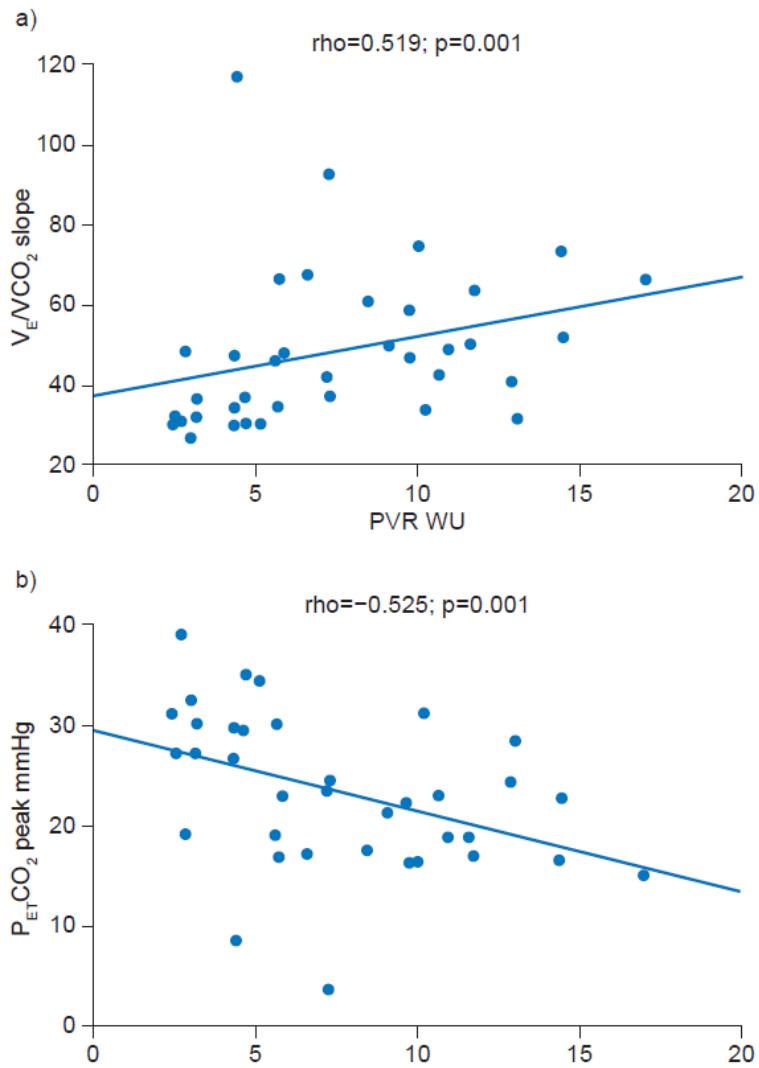


FIGURE E1 Correlation of PVR with a) V_E/VCO_2 slope and b) peak $P_{ET}CO_2$. $P_{ET}CO_2$: end-tidal carbon dioxide; PVR: pulmonary vascular resistance; V_E/VCO_2 : minute ventilation/carbon dioxide production (ventilatory equivalent for carbon dioxide); WU: Wood Units.

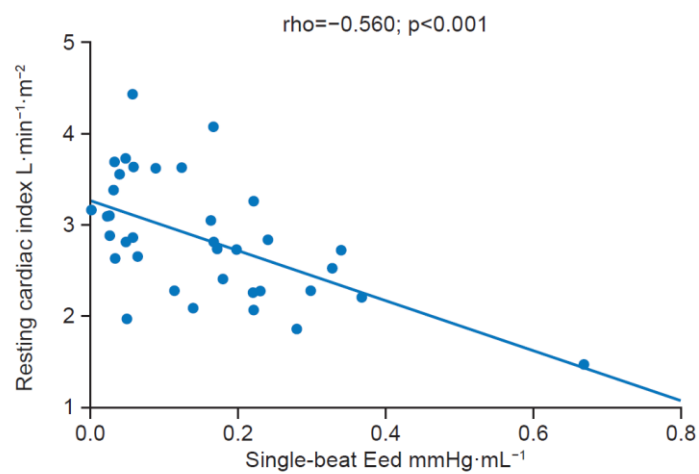


FIGURE E2 Correlation of single-beat Eed with cardiac index at rest. Eed: end-diastolic elastance.

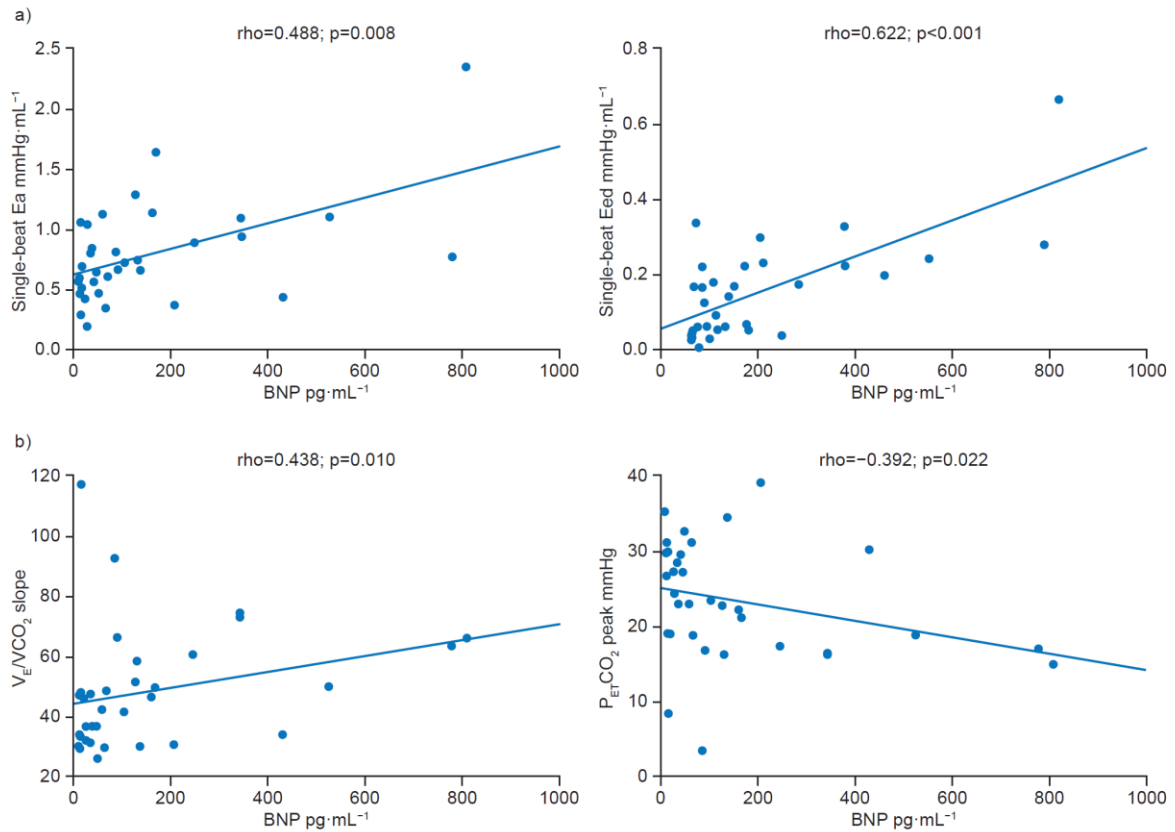


FIGURE E3 Correlation of BNP with a) single-beat Ea and Eed, and b) V_E/VCO₂ slope and peak

P_{ET}CO₂. BNP: B-type natriuretic peptide; Ea: arterial elastance; Eed: end-diastolic elastance; P_{ET}CO₂: end-tidal carbon dioxide; V_E/VCO₂: minute ventilation/carbon dioxide production (ventilatory equivalent for carbon dioxide).