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Noninvasive *versus* invasive pressure–flow relationship of the pulmonary circulation: bias and error

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Exercise echocardiography can provide imprecise but rather accurate and sensitive estimates of pressure–flow relationships of the pulmonary circulation, as compared with RHC under exercise <http://bit.ly/2YQIPZ1>

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To the Editor:

Testing the pulmonary circulation in dynamic conditions has been proposed in recent years as a means to provide additional insights into patients' symptoms and disease severity, complementing diagnostic evaluations at rest [1–6]. As pulmonary vascular haemodynamics can be described as a function of flow, resistance and left atrial pressure, it has been suggested that pressure–flow relationship of the pulmonary circulation can discriminate normal from abnormal behaviours, the latter consistent with cardiac, pulmonary or pulmonary vascular disease [4].