

Supplementary Materials: Neurovascular Coupling Impairment in Heart Failure with Reduction Ejection Fraction

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Table S1. HF etiology effect on neurovascular coupling (NVC) in heart failure (HF) patients.

Neurovascular Coupling (PCA)	Idiopathic (<i>n</i> = 11)	Alcoholic (<i>n</i> = 8)	Ischemic (<i>n</i> = 8)	<i>p</i> Values *
Overshoot systolic CBFV (%)	20.28 (8.76)	20.19 (6.58)	16.16 (4.21)	0.40
Gain (%)	13.86 (7.14)	14.56 (7.20)	10.63 (6.01)	0.47
Natural frequency (Hz)	0.18 (0.07)	0.21 (0.09)	0.15 (0.03)	0.25
Attenuation (a.u)	0.39 (0.24)	0.41 (0.32)	0.28 (0.24)	0.56
Rate time (s)	1.79 (3.78)	1.48 (3.50)	0.96 (2.54)	0.87

All values are given in mean $\pm$ SD. a.u., arbitrary units; CBFV, cerebral blood flow velocity; Hz, Hertz; PCA, posterior cerebral artery; s seconds. * *p* value of ANOVA for the comparison of means of each group (HFrEF, HFrecEF and healthy controls).