

Additional file 5: Table S4 Quantification of coronary microvascular dysfunction in TTE studies.

Study	Outcome measure	TTE imaging protocol	Patient group n =	Mean (\pm SD)	Control group n =	Mean (\pm SD)
<i>Mean \pm SD</i>						
Galiuto (2007)	CFR	PW Doppler, distal LAD, adenosine	17	1.98 \pm 0.60	17	2.88 \pm 1.50
Cemin (2008)	CFR	PW Doppler, distal LAD, adenosine	N/A	N/A	14	2.65 \pm 0.65
Lanza (2008)	CFR	Doppler ST, mid-distal LAD, adenosine	18	2.03 \pm 0.60	10	3.29 \pm 1.00
Di Monaco (2009)	CFR	Doppler ST mid-distal LAD, adenosine	29	1.94 \pm 0.63	12	3.31 \pm 1.10
Sestito (2011)	CBF	Doppler ST, mid-distal LAD, adenosine	71	2.05 \pm 0.60	20	2.92 \pm 0.90
Di Franco (2012)	CBF	Doppler ST, mid-distal LAD, adenosine	14	1.90 \pm 0.50	14	3.10 \pm 0.90
Tagliamonte (2015)	CFR	Doppler ST, mid-distal LAD, dipyridamole	29 (ranolazine)	1.91 \pm 0.31	N/A	N/A
			29 (placebo)	1.94 \pm 0.29		
Wu (2015)	CBFV	PW Doppler, mid-distal LAD, nitroglycerin	13 (placebo)	1.69 \pm 0.40	N/A	N/A
			11 (ISMN)	1.71 \pm 0.40		
Anchisi (2017)	CFR	Color Doppler, mid-distal LAD, dipyridamole	16	2.40 \pm 0.40	N/A	N/A
<i>Median (IQR)</i>						
Mygind (2016)	CFVR	PW Doppler,	963	2.33 (1.98–2.76)	N/A	N/A

		LAD, dipyridamol e or MCE				
Michelsen (2017)	CFVR	PW Doppler, LAD, dipyridamol e or MCE	102	1.99 (1.64– 2.43)	N/A	N/A

Abbreviations: CFR = coronary flow reserve, CBF = coronary blood flow, CBFV = coronary blood flow velocity, CFVR = coronary flow velocity reserve, PW = pulsed-waved, ST = spectral tracing, MCE = myocardial contrast echocardiography, LAD = left anterior descending artery, IQR = interquartile range, N/A = not available, SD = standard deviation.