

**Additional file 6: Table S5 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)
<b>Mean <math>\pm</math> SD</b>						
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) 29 (placebo)	1.91 $\pm$ 0.31 1.94 $\pm$ 0.29	N/A	N/A
Wu (2015)	CBFV	PW Doppler, mid-distal LAD, nitroglycerin	13 (placebo) 11 (ISMN)	1.69 $\pm$ 0.40 1.71 $\pm$ 0.40	N/A	N/A
Anchisi (2017)	CFR	Color Doppler, mid-distal LAD, dipyridamole	16	2.40 $\pm$ 0.40	N/A	N/A
<b>Median (IQR)</b>						
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.