Supplementary Table-1: Baseline characteristics of CAD patients and Control group

Parameters	CAD patients	Controls	P-value
Total	232	44	-
ACS (Lysed)	28	-	-
AWMI	20	-	-
IWMI	8	-	-
ACS (Others)	80	-	-
Delayed AWMI	36	-	-
Delayed IWMI	28	-	-
Unstable angina	16	-	-
Symptomatic CAD (for CAG)	80	-	-
Old AWMI	60	-	-
Old IWMI	20	-	-
CAD for PTCA with stenting (all AWMI)	44	-	-
Demographic factors:			
Age (years)	48.40 ± 9.97	45.73 ± 9.33	0.4159

Ejection fraction (%)	51.70 ± 8.41	61.9 ± 3.75	0.0002
Male/ Female	200/ 32	20/ 24	-
Diabetes mellitus	76	-	-
Hypertension	44	-	-
Smoking	132	-	-
Alcohol	112	-	-
Heart rate (beats per minute)	78.33 ± 10.95	76.9 ±16.71	0.7202
Coronary Sinus values:			
VTI (cm)	17.31 ± 4.33	18.92 ± 4.8	0.273
Peak velocity (m/s)	0.45 ± 0.07	0.45 ± 0.11	1.000
Peak gradient (mmHg)	0.85 ± 0.26	0.69 ± 0.75	0.2078
Mean velocity (m/s)	0.27 ± 0.08	0.24 ± 0.23	0.4400
Mean gradient (mmHg)	0.39 ± 0.12	0.38 ± 0.39	0.874
Diameter (mm)	7.42 ± 1.69	8.73 ± 2.08	0.0274

Blood flow per beat (ml)	3.93 ± 1.9	5.64 ± 2.24	0.0103
Blood flow per minute (ml/min)	298.11 ± 133.87	441 ± 172	0.0031