

Supplementary material

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Table S1 Comparison of rotation and twist at all stress test stages in CAD patients after myocardial infarction and without previous myocardial infarction

Parameter		MI (n = 19)	Without MI (n = 29)	P value
Rest	R basal segments, °	-2 (1.5)	-2.7 (2.5)	ns
	R apical segments, °	5 (2.87)	4.8 (3.4)	ns
	Twist, °	7 (3.9)	7.49 (4)	ns
Peak	R basal segments, °	-1.25 (2.3)	-3.8 (3.47)	<0.01
	R apical segments, °	5.18 (2.87)	5.37 (4)	ns
	Twist, °	6.43 (4.97)	9.18 (4.97)	ns
Recovery	R basal segments, °	-2.45 (2.2)	-2.83 (2.6)	ns
	R apical segments, °	5.68 (4)	4.62 (3.36)	ns
	Twist, °	8.13 (5.59)	7.44 (4.2)	ns

The data are presented as means with standard deviation
Abbreviations: CAD, coronary artery disease; MI, myocardial infarction; peak, peak stage of DSE; R, rotation; recovery, recovery stage of DSE; rest, rest-baseline stage of DSE

Table S2 Comparison of rotation and twist at all stress test stages between CAD patients without previous myocardial infarction vs non-CAD patients

Parameter		Non-CAD (n = 43)	CAD without previous MI (n = 29)	P value
Rest	R basal segments, °	-2.91 (3.33)	-2.7 (2.5)	ns
	R apical segments, °	3.62 (3.33)	4.79 (3.4)	ns
	Twist, °	6.38 (4.48)	7.49 (3.9)	ns
Peak	R basal segments, °	-3.17 (3.94)	-3.8 (3.47)	ns
	R apical segments, °	3.71 (3.52)	5.37 (2.87)	0.04
	Twist, °	6.73 (5.3)	9.1 (4.9)	ns
Recovery	R basal segments, °	-3.87 (3.37)	-2.83 (2.6)	ns
	R apical segments, °	2.87 (2.73)	4.62 (3.36)	0.02
	Twist, °	6.27 (4.01)	7.44 (4.20)	ns

The data are presented as means with standard deviation
Abbreviations: CAD, coronary artery disease; MI, myocardial infarction; peak, peak stage of DSE; R, rotation; recovery, recovery stage of DSE; rest, rest-baseline stage of DSE