



Supplementary material

Clinical Significance of Reciprocal ST-Segment Changes in Patients With STEMI: A Cardiac Magnetic Resonance Imaging Study

Table of the supplementary material

Results of Propensity Analysis in a Propensity Score-matched Population

Variables	Standardized mean differences	Standardized mean differences	Mean reciprocal change (+)	Mean reciprocal change (-)	Variance ratio
	(before matching)	(after matching)	n=65	n=65	
Age	-0.089	-0.011	59.554	59.415	1.243
Male sex, %	0.184	-0.074	0.815	0.785	1.123
Body mass index, kg/m ²	0.095	-0.128	2.773	2.735	1.368
Systolic blood pressure, mmHg	0.353	0.075	135.338	135.338	1.322
Diastolic blood pressure, mmHg	0.409	0.108	85.815	87.954	1.402

Initial heart rate, bpm	0.241	-0.033	82.754	82.108	0.787
Symptom to balloon time, min	0.202	-0.003	242.815	242.308	0.669
Anterior infarction	0.965	0.061	0.523	0.554	0.991
Current smoker	0.029	-0.061	0.477	0.446	0.991
Diabetes mellitus	-0.313	-0.197	0.262	0.185	0.779
Hypertension	-0.253	0.031	0.446	0.462	1.006
Dyslipidemia	-0.208	-0.088	0.169	0.138	0.848
Previous stroke	-0.147	0.124	0.000	0.015	Infinity
Killip class 3	-0.259	0.00	0.077	0.077	1.000
Infarct-related artery (Left circumflex artery)	-0.103	0.085	0.123	0.154	1.206
Infarct-related artery	-0.952	-0.134	0.354	0.292	0.905

(Right coronary artery)					
Extent of coronary artery disease (2-vessel disease)	-0.089	-0.065	0.354	0.323	0.957
Extent of coronary artery disease (3-vessel disease)	-0.103	0.122	0.123	0.169	1.303
TIMI flow (initial) 1	0.017	0.064	0.046	0.062	1.312
TIMI flow (initial) 2	0.153	-0.053	0.108	0.092	0.872
TIMI flow (initial) 3	0.238	0.053	0.077	0.092	1.180
Rentrop grade 2	-0.013	-0.044	0.154	0.138	0.916
Thrombus aspiration	-0.347	0.00	0.600	0.600	1.000
Stent insertion	-0.036	-0.115	0.954	0.923	1.613

Glycoprotein IIb/IIIa used	-0.188	-0.085	0.185	0.154	0.865
No reflow phenomenon	-0.597	0.088	0.015	0.031	1.969

TIMI, Thrombolysis in Myocardial Infarction.