

Table S1. Culprit vessel and treatment data

Variables	Whole sample (N = 200)	Symptoms duration of less than 6 hours (N = 100)	Symptoms duration of more than 6 hours (N = 100)	P value
MI localization				
Wide-anterior	26 (13%)	8	18	0,058
Anteroseptal	26 (13%)	9	17	0,141
Anterolateral	15 (8%)	7	8	1,000
Anteroseptoapical	10 (5%)	4	6	0,746
Lateral	4 (2%)	1	3	0,614
Inferior	60 (30%)	31	29	0,877
Posterior-Inferior	39 (20%)	29	10	0,001
Posterior-inferior-lateral	18 (9%)	9	9	1,000
Circular	2 (1%)	2	0	0,477
PCI/CABG arteries				
LAD	57 (29%)	21	36	0,028
LAD+RCA	22 (11%)	13	9	0,498
LAD+RCX	6 (3%)	4	2	0,678
LAD+OM1	1 (1%)	0	1	1,000
LAD+OM2	1 (1%)	0	1	1,000
LAD+D1	1 (1%)	1	0	1,000
LAD+RIM	1 (1%)	1	0	1,000
RCA	69 (35%)	43	26	0,017
D1	2 (1%)	1	1	1,000
D1+RCA	1 (1%)	0	1	1,000
RCX+RCA	6 (3%)	4	2	0,678
RIA+RCX+RCA	12 (6%)	7	5	0,766
OM1	6 (3%)	1	5	0,214
OM2	4 (2%)	1	3	0,614
RCX	7 (4%)	3	4	1,000
PD	1 (1%)	0	1	1,000
RPL	1 (1%)	0	1	1,000
OM2+RCA	1 (1%)	0	1	1,000
RCA+RPL	1 (1%)	0	1	1,000
Infarct-Related Artery (IRA)				
RCA	99 (50%)	63	36	0,000
LAD	75 (38%)	28	47	0,009
D1	3 (2%)	1	2	1,000
PD	2 (1%)	0	2	0,477
OM1	6 (3%)	1	5	0,214
RCX	10 (5%)	6	4	0,746
OM2	4 (2%)	1	3	0,614
RPL	1 (1%)	0	1	1,000

Arterial segment				
Proximal	77 (39%)	36	41	0,561
Medial	97 (49%)	46	51	0,571
Distal	26 (13%)	18	8	0,058
Degree of stenosis - IRA	99,29	100.0 [100.0 - 100.0]	100.0 [100.0 - 100.0]	0,105
Cardiac dominance				
Right coronary artery	181 (91%)	88	93	0,335
Circumflex artery	12 (6%)	8	4	0,372
Both	7 (4%)	4	3	1,000
Door-to-balloon time (min)	47.2	42.0 [31.5 - 54.25]	40.5 [34.75 - 55.0]	0,672
Predilatation	153 (77%)	73	80	0,317
Direct implantation	31 (16%)	15	16	1,000
Thromboaspiration	33 (17%)	23	10	0,022
Stented arteries				
LAD	64 (32%)	24	40	0,023
LAD+RCA	15 (8%)	8	7	1,000
LAD+RCX	4 (2%)	2	2	1,000
LAD+OM1	1 (1%)	0	1	1,000
LAD+RIM	1 (1%)	1	0	1,000
LAD+D1	1 (1%)	1	0	1,000
RCA	79 (40%)	51	28	0,001
RCX+RCA	6 (3%)	4	2	0,678
PD	1 (1%)	0	1	1,000
RIA+RCX+RCA	3 (2%)	1	2	1,000
RCX	8 (4%)	4	4	1,000
D1	3 (2%)	1	2	1,000
RCA+RPL	3 (2%)	1	2	1,000
OM1	5 (3%)	1	4	0,365
OM2	4 (2%)	1	3	0,614
OM1+RCA	1 (1%)	0	1	1,000
OM2+RCA	1 (1%)	0	1	1,000
Compromised collateral vessel	24 (12%)	15	9	0,277
Kissing technique				
No	184 (92%)	92	92	1,000
PTCA-PTCA	15 (8%)	7	8	1,000
ST-ST	1 (1%)	1	0	1,000
Bifurcation technique	1 (1%)	1	0	1,000
Additional work-up				
No	15 (8%)	72	81	0,182
PCI during the same hospitalization	184 (92%)	14	11	0,669
PCI during the other hospitalization	1 (1%)	11	7	0,459

CABG during the other hospitalization	1 (1%)	3	1	0,614
Number of implanted stents	1,4	1.0 [1.0 - 2.0]	1.0 [1.0 - 2.0]	0,105
Total stent length (mm)	30,1	25.5 [18.0 - 35.25]	26.0 [20.0 - 40.25]	0,067
Information about the stented artery:				
Stent length (mm)	22,6	21.0 [18.0 - 26.0]	23.0 [18.0 - 28.0]	0,055
Stent diameter	3,1	3.0 [3.0 - 3.5]	3.0 [3.0 - 3.5]	0,559
Atmosphere	13,3	12.0 [12.0 - 16.0]	14.0 [12.0 - 15.0]	0,604
Type of the stent				0,010
Bare-metal stent	111 (56%)	65	46	
Drug-eluted stent	89 (45%)	35	54	
Stented coronary artery				
RCA	97 (49%)	63	34	0,000
LAD	75 (38%)	28	47	0,009
D1	3 (2%)	1	2	1,000
PD	2 (1%)	0	2	0,477
OM1	6 (3%)	1	5	0,214
RCX	10 (5%)	6	4	0,746
OM2	4 (2%)	1	3	0,614
RIM	2 (1%)	0	2	0,477
RPL	1 (1%)	0	1	1,000
Patients with optimal outcome	200 (100%)	100	100	1,000
Complications				
Without	193 (97%)	98	95	0,442
Coronary artery dissection	6 (3%)	2	4	0,678
Death in a catheterization laboratory	1 (1%)	0	1	1,000
Pre-PCI TIMI flow				
0	166 (83%)	84	82	0,851
0/1	3 (2%)	1	2	1,000
1	6 (3%)	4	2	0,678
1/2	2 (1%)	1	1	1,000
2	13 (7%)	6	7	1,000
2/3	4 (2%)	2	2	1,000
3	6 (3%)	2	4	0,678
Post-PCI TIMI flow				
0	1 (1%)	1	0	1,000
1	1 (1%)	1	0	1,000
1/2	3 (2%)	0	3	0,245
2	46 (23%)	19	27	0,240
2/3	10 (5%)	5	5	1,000

3	139 (70%)	74	65	0,219
TIMI MPG				
4	127 (64%)	64	63	1,000
3	59 (30%)	28	31	0,756
2	9 (5%)	6	3	0,495
1	5 (3%)	2	3	1,000
GP IIB/IIIa	75 (38%)	40	35	0,559
Fibrinolysis due to no reflow	1 (1%)	1	0	1,000

PCI, Percutaneous Coronary Intervention; CABG, Coronary Artery Bypass Grafting; LAD, Left Anterior Descending artery; RCA, Right Coronary Artery; RCX, Circumflex Artery; OM1, First Obtuse Marginal artery; OM2, Second Obtuse Marginal artery; D1, First Diagonal artery; RIM, Ramus Intermedius artery; RIA, Right Interventricular Artery; PD, postero descending; RPL – ramus postero lateralis; PTCA, Percutaneous Transluminal Coronary Angioplasty; TIMI, Thrombolysis In Myocardial Infarction; MPG, Myocardial Perfusion Grade; GP, glycoprotein;

Table S2. Additional 6-month follow-up data

Variables	Whole sample (N = 200)	Symptoms duration of less than 6 hours (N = 100)	Symptoms duration of more than 6 hours (N = 100)	P value
Ischemia assessment				
Wasn't performed	124 (62%)	53	71	0,013
Positive ergometric test	2 (1%)	0	2	0,477
Negative ergometric test	60 (30%)	41	19	0,001
Positive stress echocardiography	2 (1%)	1	1	1,000
Negative stress echocardiography	10 (5%)	5	5	1,000
Positive SPECT	1 (1%)	0	1	1,000
Negative SPECT	1 (1%)	0	1	1,000
6-months reintervention due to possible ischemia	7 (4%)	3	4	1,000
Atrial Fibrillation				
Without	176 (88%)	88	88	1,000
New onset (transitory) during hospitalization	16 (8%)	9	7	0,794
New onset (permanent) during hospitalization	4 (2%)	1	3	0,614
New onset (permanent) during the follow-up	1 (1%)	1	0	1,000
Permanent	3 (2%)	1	2	1,000

SPECT, Single Photon Emission Computed Tomography