

Table S5: Clinical presentation and management of patients with prior MI admitted with STEMI vs NSTEMI-ACS comparing between time periods (early 2000-2008 vs late 2010-2018)

| | STEMI | | | NSTEMI-ACS | | |
|----------------------------------|----------------|---------------|---------|-----------------|----------------|---------|
| | Early n=983 | Late n=711 | P value | Early n=1838 | Late n=1780 | P value |
| Revascularization therapy | | | | | | |
| Primary PCI | 534 (54.3) | 535 (75.2) | <0.001 | 28 (1.5) | 4 (0.2) | <0.001 |
| Any PCI | 577 (58.7) | 586 (82.4) | <0.001 | 748 (40.7) | 952 (53.5) | <0.001 |
| CABG | 62 (6.4) | 9 (1.3) | 0.334 | 94 (5.1) | 62 (3.5) | 0.018 |
| In-hospital complications | | | | | | |
| Pulmonary edema (Killip-3) | 106 (10.8) | 39 (5.5) | <0.001 | 214 (11.7) | 111 (6.2) | <0.001 |
| Cardiogenic shock (Killip-4) | 82 (8.4) | 39 (5.5) | 0.029 | 54 (3.0) | 28 (1.6) | 0.008 |
| Re-MI | 31 (3.2) | 8 (1.1) | 0.009 | 35 (1.9) | 17 (1.0) | 0.022 |
| Stent thrombosis | 14 (4.0) | 11 (1.5) | 0.023 | 5 (0.6) | 7 (0.4) | 0.646 |
| Free wall rupture | 5 (0.5) | 1 (0.1) | 0.396 | 1 (0.1) | 0 (0.0) | 1.000 |
| MR moderate – severe | 33 (3.4) | 8 (1.1) | 0.005 | 50 (2.7) | 31 (1.7) | 0.058 |
| Sustained VT (>125 bpm) | 31 (3.2) | 9 (1.3) | 0.018 | 27 (1.5) | 23 (1.3) | 0.740 |
| Primary VF | 41 (4.2) | 18 (2.5) | 0.090 | 14 (0.8) | 7 (0.4) | 0.211 |
| Acute renal failure | 75 (7.7) | 50 (7.1) | 0.712 | 176 (9.7) | 105 (5.9) | <0.001 |
| Treatment at discharge | | | | | | |
| Aspirin | 871 (92.3) | 657 (95.8) | 0.005 | 1665 (92.4) | 1648 (95.0) | 0.002 |
| P2Y ₁₂ inhibition | 549 (59.2) | 623 (90.9) | <0.001 | 976 (55.1) | 1510 (87.4) | <0.001 |
| Statins | 724 (77.2) | 646 (95.3) | <0.001 | 1419 (79.3) | 1669 (96.8) | <0.001 |
| ACE/ARB's | 408 (41.5) | 550 (77.4) | <0.001 | 666 (36.2) | 1344 (75.5) | <0.001 |

| | | | | | | |
|------------------------------------|------------|------------|--------|-------------|-------------|--------|
| Beta blockers | 735 (78.4) | 552 (84.7) | 0.002 | 1445 (80.6) | 1415 (85.4) | <0.001 |
| Referral to cardiac rehabilitation | 136 (44.4) | 344 (59.8) | <0.001 | 214 (28.6) | 663 (45.5) | <0.001 |

ACE-I-angiotensin-converting enzyme inhibitor; ARB- angiotensin receptor blocker; CABG- coronary artery bypass graft; NSTEMI-ACS- non-ST elevation acute coronary syndrome; PCI- percutaneous coronary; PVD- peripheral vascular disease; TIA- transient Ischemic attack; STEMI-ST elevation MI; MACE- major adverse cardiac events; MI- myocardial infarction; MR- mitral regurgitation; VF- ventricular fibrillation; VT-ventricular tachycardia