**Table 1. Clinical characteristics of the patients**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **MI (n = 766)** | **UA (n = 364)** | **P value** |
| Age, years | 65.3 ± 12.3 | 64.1 ± 12.8 | 0.15 |
| Men, N (%) | 497 (64.9) | 218 (59.9) | 0.1 |
| Smokers, N (%) | 304 (39.7) | 81 (22.3) | < 0.001 |
| BMI, kg/m2 | 28.5 ± 4.6 | 29.1 ± 4.6 | 0.045 |
| SBP at admission, mm Hg | 132.65 ± 24.4 | 136.2 ± 19.8 | 0.02 |
| DBP at admission, mm Hg | 81.6 ± 13.3 | 82.6 ± 9.4 | 0.23 |
| HR at admission, bpm | 76.5 ± 16.1 | 75.4 ± 16.6 | 0.33 |
| Type 2 diabetes, N (%) | 173 (22.6) | 83 (22.8) | 0.93 |
| CKD (GFR < 60 mL/min/1,73 m2), N (%) | 122 (15.9) | 61 (16.8) | 0.72 |
| Stroke, N (%) | 62 (8.1) | 29 (7.97) | 0.94 |
| COPD, N (%) | 30 (3.9) | 17 (4.7) | 0.55 |
| Any cancer, N (%) | 16 (2.1) | 5 (1.4) | 0.4 |

BMI, body mass index; CKD, chronic kidney disease; COPD, chronic obstructive pulmonary disease; DBP, diastolic blood pressure; GFR, glomerular filtration rate; HR, heart rate; MI, myocardial infarction; SBP, systolic blood pressure; UA, unstable angina

The values are means ± standard deviations for continuous parameters and number of observations and percentages for categorical parameters

**Table 2. Laboratory and instrumental characteristics of the patients**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **MI (n = 766)** | **UA (n = 364)** | **P value** |
| Hemoglobin, g/L | 138.7 ± 20.8 | 136.8 ± 21.1 | 0.14 |
| White cell count, × 109/L | 10.95 ± 4.2 | 8,6 ± 2.74 | < 0.001 |
| Platelets, × 109/L | 238.3 ± 75.2 | 222.6 ± 118.1 | 0.007 |
| Total cholesterol, mmol/L | 5.9 ± 1.64 | 5.32 ± 1.6 | < 0.001 |
| LDL cholesterol, mmol/L | 3.73 ± 1.43 | 3.15 ± 1.34 | < 0.001 |
| Glucose, mmol/L | 7.6 ± 12 | 6.1 ± 3.5 | 0.02 |
| Creatinine, mcmol/L | 86.1 ± 49.2 | 86.4 ± 28.2 | 0.9 |
| LV EF, % | 47.85 ± 5.5 | 55.0 ± 9.6 | < 0.001 |
| Local LV myocardial hypokinetic zones, N (%) | 662 (86.4) | 103 (28.3) | < 0.001 |
| PASP, mm Hg | 54.2 ± 10.8 | 45.9 ± 13.8 | < 0.001 |
| Congestion in the pulmonary circulation at chest X-ray, N (%) | 52 (6.8) | 10 (2.75) | 0.005 |

LDL, low density lipoproteins; LV EF, left ventricular ejection fraction; MI, myocardial infarction; PASP, pulmonary artery systolic pressure; UA, unstable angina

The values are means ± standard deviations for continuous parameters and number of observations and percentages for categorical parameters

**Table 3. Angiographic characteristics of the patients**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **MI (n = 766)** | **UA (n = 364)** | **P value** |
| CAG performed, N (%) | 724 (94.5) | 325 (89.3) | 0.001 |
| Delayed CAG (more than 24 hours from the pain onset), n of CAG (%) | 129 (17.8) | 169 (52) | < 0.001 |
| Coronary artery stenosis, n of CAG (%) | 669 (92.4) | 219 (67.4) | < 0.001 |
| Successful stent placement into the index artery, n from identified stenosis (%) | 666 (99.5) | 176 (80.4) | < 0.001 |
| Complete revascularization, N (%) | 283 (42.3) | 73 (33.3) | < 0.001 |
| Drug-eluting stents, n from all stent placement procedures (%) | 454 (68.2) | 114 (64.8) | < 0.001 |

CAG, coronary angiography; MI, myocardial infarction; UA, unstable angina

The values are numbers of observations and percentages

**Table 4. Independent predictors of unfavorable in-hospital outcome in the patients with myocardial infarction**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **OR** | **95% CI** | **P value** |
| Left ventricular ejection fraction | 0.9021 | 0.8209–0.9914 | 0.0324 |
| Chronic kidney disease | 9.3205 | 2.6706–32.5283 | 0.0005 |
| The extent of coronary involvement | 1.3526 | 1.0667–1.7152 | 0.0127 |

CI, confidence interval; OR, odds ratio

**Table 5. Independent predictors of long-term mortality in the patients with myocardial infarction and unstable angina**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **OR** | **95% CI** | **P value** |
| Myocardial infarction |
| Age | 1.12 | 1.01–1.22 | 0.0052 |
| Chronic kidney disease | 2.3375 | 1.1392–4.7963 | 0.0206 |
| Left ventricular ejection fraction | 0.8895 | 0.73–0.99 | 0.036 |
| ECG-confirmed AF at admission | 3.1462 | 1.3510–7.3268 | 0.0079 |
| Diabetes mellitus | 2.3163 | 1.2552–4.2744 | 0.0072 |
| Unstable angina |
| Left ventricular ejection fraction | 0.9139 | 0.8683–0.9619 | 0.0006 |
| Blood hemoglobin level | 0.9729 | 0.9544–0.9917 | 0.005 |

AF, atrial fibrillation; CI, confidence interval; ECG, electrocardiogram; OR, odds ratio