The combined value of white blood cell and total bilirubin predict clinical outcomes in patients with ST-elevation myocardial infarction following percutaneous coronary intervention: a cohort study

Supplementary materials

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Supplementary Table S1 Comparison between in-hospital mortality group and survival group

Variables	Survival group(n=598)	Mortality group(n=17)	t/χ^2	P
Gender (men) (n,%)	516(86.3)	12(70.6)	3.550	0.067
Age (years)*	58.03±12.15	63.53±12.40	1.839	0.066
BMI (kg/m^2)	25.42±3.25	24.01±2.68	1.785	0.075
Smoking history (n,%)	338(56.5)	11(64.7)	0.451	0.502
Hypertension (n,%)	269(49.5)	8(47.1)	0.039	0.843
Diabetes (n,%)	125(20.9)	3(17.6)	0.106	0.744
Hyperlipemia (n,%)	443(74.1)	14(82.4)	0.593	0.441
SBP (mmHg)	121.59±18.89	119.76±23.65	0.378	0.706
DBP (mmHg)	76.46±13.08	74.18±15.91	0.707	0.480
Heart rate (/min)	81.90±13.88	90.06±23.31	2.333	0.020
LVEF(%)*	58.33±6.67	51.35±8.41	4.222	<0.001
TB (umol/L)*	13.69±5.22	18.47±5.59	3.718	<0.001
DBL (umol/L)	2.18±1.56	2.58±2.10	1.025	0.306
IBL (umol/L)	11.88±5.09	12.29±4.41	0.326	0.744
TC (mmol/L)	4.41±1.18	3.95±0.95	1.611	0.108
TG(mmol/L)	2.05±1.39	1.67±1.06	1.095	0.274
LDL (mmol/L)	2.86±0.85	2.51±0.90	1.686	0.092
HDL (mmol/L)	1.03±0.35	0.90±0.24	0.415	0.678
CKMB (U/L)	281.46±220.92	275.36±139.69	0.113	0.910
WBC (×10^9 /L)*	10.54±3.04	14.59±4.74	5.324	<0.001
Hb (g/L)	144.99±20.35	141.59±24.81	0.676	0.500
PLT (×10^9 /L)	222.58±60.33	207.59±60.52	1.010	0.313
UC (mmol/L)*	5.42±1.80	6.40±3.24	2.137	0.033
CR (umol/L)*	76.24±19.16	86.46±34.23	2.108	0.035
GRACE	133.06±28.01	148.71±36.61	2.250	0.025

LM (n,%)	54(9.0)	1(5.9)	0.201	0.54
LAD (n,%)	518(86.6)	16(94.1)	0.812	0.368
LCX (n,%)	375(62.7)	12(70.6)	0.440	0.507
RAD (n,%)	418(69.9)	15(88.2)	2.670	0.102
Culprit Vessels	2.84±1.27	3.41±1.42	1.840	0.066
Medication			
Aspirin	578(96.7)	14(82.4)	9.393	0.002
Clopidogrel*	553(92.5)	9(52.9)	32.806	0.000
β blockers	492(82.3)	11(64.7)	3.425	0.064
ACEI	429(71.7)	8(47.1)	4.896	0.027
Statins*	559(93.5)	12(70.6)	13.039	0.000

Abbreviations: BMI, Body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; LVEF, Left ventricular ejection fraction; TB, total bilirubin; DBI, direct bilirubin; IBL, indirect bilirubin; TC, total cholesterol; TG, triglycerides; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; CKMB, creatine kinase isoenzymes; WBC, white blood cells; Hb, hemoglobin; PLT, Platelet; UC, uric acid; CR, creatinine; GRACE, globla registry of acute coronary events; LM, left main coronary artery; LAD, left anterior descending branch ; LCX, left circumflex branch; RAD, right coronary descending branch; ACEI, angiotensin-converting enzyme inhibitor.