

Table 3. Test performance of each risk score with high-sensitivity troponin T

	hs-cTnT ≤14ng/L alone (99 th percentile)	m-Goldman Score 0 and hs-cTnT ≤14ng/L	m-Goldman ≤1 and hs-cTnT ≤14ng/L	TIMI Score 0 and hs-cTnT ≤14ng/L	TIMI Score ≤1 and hs-cTnT ≤14ng/L	GRACE <60 (incorporates hs-cTnT)*	GRACE <80 (incorporates hs-cTnT)*	HEART Score ≤2 (incorporates hs-cTnT)	HEART Score ≤3 (incorporates hs-cTnT)	Vancouver Chest Pain Rule (incorporates hs-cTnT)
Sensitivity (95% CI)	83.5 (73.8-90.5)	98.7 (92.5-99.9)	98.7 (92.3-99.9)	100 (94.3-100)	94.9 (87.0-98.4)	100 (94.4-100)	92.3 (83.7-96.8)	98.7 (92.4-99.9)	93.7 (85.5-97.6)	100 (94.4-100)
Negative predictive value (95% CI)	98.3 (97.3-99.0)	99.0 (94.2-99.9)	99.7 (98.4-100)	100 (98.5-100)	99.2 (97.8-99.7)	100 (95.3-100)	98.0 (95.8-99.2)	99.2 (95.2-100)	98.3 (96.2-99.4)	100 (97.1-100)
Specificity (95% CI)	85.6 (84.7-86.2)	11.5 (10.9-11.6)	43.3 (42.7-43.4)	35.0 (34.5-35.0)	53.5 (52.8-53.8)	10.6 (10.1-10.6)	33.8 (33.0-34.2)	14.1 (13.5-14.2)	33.9 (33.1-34.2)	17.5 (17.0-17.5)
Positive predictive value (95% CI)	34.2 (30.2-37.0)	9.1 (8.5-9.2)	13.5 (12.6-13.7)	12.1 (11.4-12.1)	15.5 (14.2-16.1)	9.1 (8.6-9.1)	11.1 (10.0-11.6)	9.4 (8.8-9.5)	11.3 (10.3-11.8)	9.8 (6.4-9.8)
Positive likelihood ratio (95% CI)	5.789 (4.822-6.549)	1.115 (1.038-1.130)	1.741 (1.611-1.766)	1.538 (1.440-1.538)	2.043 (1.845-2.130)	1.119 (1.050-1.119)	1.393 (1.249-1.470)	1.149 (1.069-1.165)	1.416 (1.278-1.484)	1.212 (1.137-1.212)
Negative likelihood ratio (95% CI)	0.192 (0.111-0.309)	0.110 (0.006-0.691)	0.029 (0.002-0.180)	0.000 (0.000-0.165)	0.095 (0.030-0.245)	0.000 (0.000-0.555)	0.228 (0.093-0.495)	0.090 (0.005-0.561)	0.187 (0.069-0.439)	0.000 (0.000-0.331)
% identified as suitable for discharge (95% CI)	79.9 (77.2-82.3)	10.6 (8.8-12.8)	39.8 (36.7-43.0)	32.1 (29.2-35.2)	49.1 (45.9-52.3)	9.8 (8.0-11.9)	31.6 (28.7-34.7)	13.0 (11.0-15.4)	31.6 (28.7-34.7)	16.0 (13.8-18.6)
Number of Acute Myocardial Infarctions in patients identified as suitable for discharge (%)	13/766 (1.7)	1/102 (1.0)	1/382 (0.3)	0/308 (0.0)	4/471 (0.9)	0/93 (0.0)	6/301 (2.0)	1/125 (0.8)	5/303 (1.7)	0/154 (0.0)

*Incomplete GRACE scores in 7 cases due to missing creatinine results