

European Hospital Benchmarking by Outcomes in Acute Coronary Syndrome Processes (EURHOBOP)

Analysis of availability of severity measurements in administrative data

TIMI score for STEMI (0–14)

Risk factor	Risk score
Age 65–74/≥75 yrs	2/3
Systolic blood pressure <100 mm Hg	3
Heart rate >100 beats/min	2
Killip's classification 2–4	2
Anterior STEMI or left branch bundle block	1
Diabetes mellitus, hypertension, or angina pectoris	1
Weight <67 kg	1
Time to treatment >4 h	1

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CADILLAC (0–18)

Risk factor	Risk score
Baseline left ventricle ejection fraction <40%	4
Renal insufficiency	3
Killip's classification II–IV	3
Final TIMI flow 0–2	2
Age >65 yrs	2
Anemia*	2
3-Vessel disease	2

* Anemia defined as baseline hematocrit 39% for men and 36% for women.

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PAMI (0–15)

Risk factor	Risk score
Age >75 yrs	7
Age 65-75 yrs	3
Killip's classification >I	2
Heart rate >100 beats/min	2
Diabetes mellitus	2
Anterior STEMI or left branch bundle block	2

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GRACE (0–372) [1]

Risk factor	Risk score
Age (yrs)	
<30	0
30–39	8
40–49	25
50–59	41
60–69	58
70–79	75
80–89	91
≥90	100
Heart rate (beats/min)	
<50	0
50–69	3
70–89	9
90–109	15
110–149	24
150–199	38
>200	46

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GRACE (0–372) [2]

Risk factor	Risk score
Systolic blood pressure (mm Hg)	
<80	58
80–99	53
100–119	43
120–139	34
140–159	24
160–199	10
>200	0
Creatinine (mg/dl)	
0–0.39	1
0.4–0.79	4
0.8–1.19	7
1.2–1.59	10
1.6–1.99	13
2–3.99	21
>4	28

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GRACE (0–372) [3]

Risk factor	Risk score
Killip's classification	
I	0
II	20
III	39
IV	59
Cardiac arrest at admission	39
Increased cardiac markers	14
ST-Segment deviation	28

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Proposed Updated Biomarker Prognostic Profile in Acute Coronary Syndromes

