

ACS IN-HOSPITAL AND 6-MONTH POST DISCHARGE MORTALITY CALCULATOR

GRACE VERSION 1.0

There has been an updated version developed, Grace 2.0. However due to the incremental range and scoring used for Age, Blood pressure and Creatinine, it was impractical to present in this format.

AGE

< 30 Years

30 - 39 Years

40 - 49 Years

50 - 59 Years

60 - 69 Years

70 - 79 Years

80 - 89 Years

90+ Years

0

+8

+25

+41

+58

+75

+91

+100

HEART RATE
(BPM)

< 50

50 - 69

70 - 89

90 - 109

110 - 149

150 - 199

200+

0

+3

+9

+15

+24

+38

+46

SYSTOLIC BLOOD PRESSURE
(mmHg)

200+

160 - 199

140 - 159

120 - 139

100 - 119

80 - 99

< 80

0

+10

+24

+34

+43

+53

+58

SERUM CREATININE
(µmol/L)

< 35

35 - 70

71 - 105

106 - 140

141 - 175

176 - 350

305 +

0

+4

+7

+10

+13

+21

+28

KILLIP CLASS
Signs / Symptoms

No CHF

Rales +/- JVD

Pulmonary Oedema

Cardiogenic Shock

0

+20

+39

+59

CARDIAC ARREST AT ADMISSION

+39

ST SEGMENT DEVIATION ECG

+28

ABNORMAL CARDIAC ENZYMES

+14

Non-STEMI ACS In-hospital Mortality

RISK	SCORE	MORTALITY
LOW	1-108	< 1%
MODERATE	109-140	1-3%
HIGH	141-372	> 3%

Non-STEMI ACS 6 Month Post-discharge Mortality

RISK	SCORE	MORTALITY
LOW	1-88	< 3%
MODERATE	89-118	3-8%
HIGH	119-263	> 8%

STEMI ACS In-hospital Mortality

RISK	SCORE	MORTALITY
LOW	49-125	< 2%
MODERATE	126-154	2-5%
HIGH	155-319	> 5%

STEMI ACS 6 Month Post-discharge Mortality

RISK	SCORE	MORTALITY
LOW	27-99	< 4.4%
MODERATE	100-127	4.5-11%
HIGH	128-263	> 11%