Appendix A: HEART score [25-27]

Table 1
The HEART score.[3–6]

Variable	Score of 0	Score of 1	Score of 2
History	nonspecific history for ACS, a history that is not consistent with chest pain concerning for ACS	mixed historic elements, a history that contains traditional & non-traditional elements of typical ACS presentation	specific history for ACS, a history with traditional features of ACS
Electrocardiogram	entirely normal ECG	abnormal ECG, with repolarization abnormalities[a] yet lacking significant ST depression	abnormal ECG, with significant ST deviation (depression ± elevation), either new or not known to be old (i.e., no prior ECG available for comparison)
Age (years)	age less than 45 years	age between 45 & 64 years	age 65 years or older
Risk Factors[b]	no risk factors	1 to 2 risk factors	3 or more risk factors OR documented cardiac or systemic atherosclerotic vascular disease[c]
Troponin[d]	troponin < discriminative level level ± AccuTroponin I < 0.04 ng/ml	troponin elevated 1–3 times discriminative level ± AccuTroponin I 0.04–0.12 ng/ml	troponin elevated > 3 times discriminative level ± AccuTroponin I > 0.12 ng/ml

Total HEART Score: risk category & recommended management strategy.
0-3: low risk, potential candidate for early discharge.
4-6: moderate risk, potential candidate for observation & further evaluation.
7-10: high risk, candidate for urgent or emergent intervention.
[a] BBB, LVH, digoxin effect, implanted right-ventricular pacemaker, past MI, +/− unchanged repolarization abnormalities.
[b] DM, tobacco smoker, HTN, hypercholesterolemia, obesity, +/− family history of CAD.
[c] peripheral arterial disease, MI, past coronary revascularization procedure, +/− stroke.
[d] It is recommended to use the local hospital standards for troponin abnormality determination.

Appendix B: Inclusion/ Exclusion criteria

Inclusion Criteria	**Exclusion Criteria**
- Patient with a HEART Score ≤5 (Appendix 1) -Chest pain duration ≥ 6 hours from onset to the time of arrival to the emergency unit. -Stable patients who consent to being interviewed -Patient 18 years and older	-Patients with chest pain duration < 6 hours from onset to the time of arrival to emergency unit -Patients who present with COVID-19 symptoms per NICD case definition. -Clinically unstable patients *BP <90/60 *Signs of shock *Altered level of consciousness *Chest pain not responding to nitrates/morphine -Patient who qualify and are immediately taken for PCI - Patients who have received multiple doses of morphine

Appendix C: Information leaflet

EMERGENCY CENTRE COVID-19 PROCEDURES

1. If you are experiencing chest pain or stroke like symptoms - Do not wait. Go to your nearest emergency centre.
2. Uncertain about your symptoms? Contact us.
3. Patients will be sorted into COVID and non-COVID areas.
4. Wash your hands. Wear a mask. Maintain social distancing.

STEVE BIKO ACADEMIC HOSPITAL

FOR ENQUIRIES, CALL US:
(012) 354 1000

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References

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