What constitutes a negative cardiac test:
- Any stress test within one year that is adequate and negative
- CCTA within 2 years without plaque or stenosis
- LHC within 2 years that is negative or with non-obstructive (≤50%) CAD

Primary Assessment and Initial Orders
- 12-lead ECG (for chest pain or dynamic)
- Troponin (within 15 minutes of ED arrival)
- Labs in Decline
- CBC with differential
- High sensitivity Troponin (if low
  sensitivity Troponin at time prior)
- Consider: PT/INR, BNP, D-dimer
- CXR (PA & lateral, if patient stable or AP if CXR results)
- Vital signs + Holter/ECG monitoring

Vital signs unstable?
- STEMI, near LSTD or Q-waves
- Significant arrhythmias
- Alternative diagnosis

Primary Treatment
- ASA 325 mg PO or IV (if unable to swallow)
- Apply Oxygen if SpO2 < 95%
- NTG (44 mg SL is 3-4 mg/kg bolus if previous NTG
  Contraindication)
- Consider: Fentanyl 20 mg or 50 mg IV

Dyna Card changes?
- Post Ha-Trc = Th(2) or > 180 U/L
- Flat Ha-Trc < 40 U/L
- Repeat Ha-Trc 1 hour from previous

Second Ha-Trc 1 hr: < 15 ng/L

Calculate Card Score:

High Risk

Administer:
- High Intensity Statin (Atorvastatin 80 mg
  PO once)
- Antiplatelet (If PRI or LMWH)
- If CP negative, begin NTG infusion starting at 10 mg/min

Contraindications:
- Hypotension
- Right ventricular infarction
- Severe aortic stenosis
- Phaeochromocytoma within previous 24 hours

Beta-blocker Contraindications:
- CHF signs/symptoms
- Diabetic with poor glucose output
- Risk of cardiogenic shock
- Diabetes degree for blood
- Asthma/Reactive Airway Disease

Intermediate Risk:

CCTA if available within
the next 24 hours

Intermediate Risk:

Gemma Research

Low Risk:

Discharge

Does patient have prior positive cardiac

Does patient have prior documented cardiac history:
- Negative: within 6 months
- Negative: within 2 years
- LHC within 2 years

Any stress test result of "abnormal"

Is cardiac CTA available within
the next 24 hours?

Intermediate Risk:

CCTA if available

Intermediate Risk:

Gemma Research

High Risk

Admit

Heart Score > 4

Do these results contain prior positive
cardiac history:
- Negative: within 6 months
- Negative: within 2 years

Any stress test result of "abnormal"

Heart Score ≤ 4

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