

Serial Measurement of HS-Troponin in Chest Pain according to the 2023 ESC Guideline

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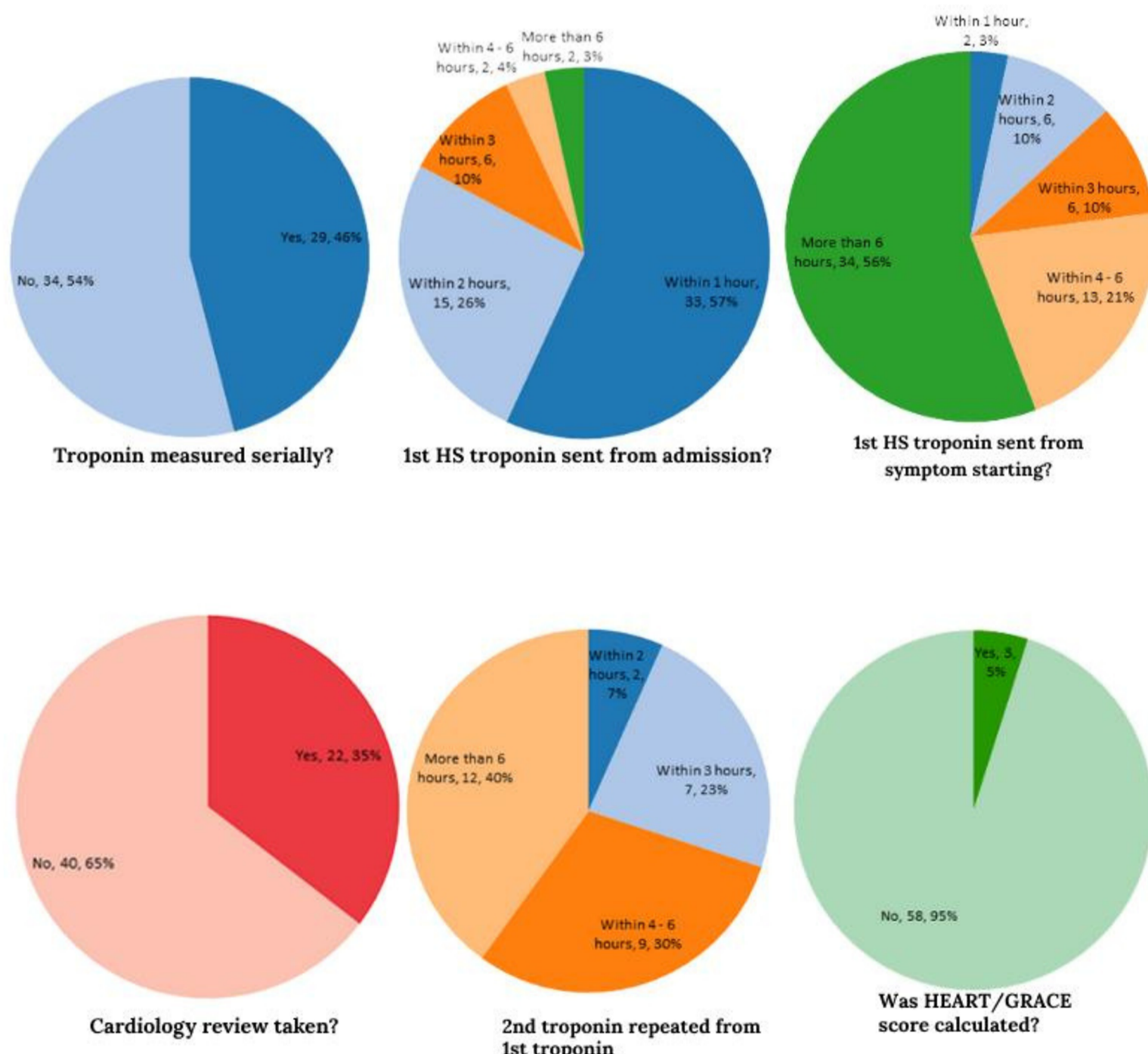
Aim / Objectives

- Early Diagnosis of ACS: Differentiate ACS from mimics (GERD, PE). Guide treatment decisions.
- For Risk Stratification: Predict mortality/adverse cardiac events.
- Early & Safe Discharge Decision-Making: To reduce unnecessary hospitalizations.

Traits	What to do	What not to do
1st Troponin	✔ Send 1 st Troponin As soon as possible (0 hour)	<ul style="list-style-type: none"> ✘ Delay in sending 1st Troponin ✘ 1-2 hours from onset chest pain ✘ 3-4 hours from onset chest pain ✘ 4-6 hours from onset chest pain
2nd Troponin	✔ Send Repeat Troponin within 1 or 2 hour after 1 st Troponin has been sent	<ul style="list-style-type: none"> ✘ 4-6 hours later from 1st Troponin
3rd Troponin	✔ Send if Inconclusive cases under senior supervision	<ul style="list-style-type: none"> ✘ Re-infarction suspicion ✘ To check for ACS management response

DO YOU KNOW ?
 Our lab aims to release high sensitive Troponin results within 45 min-1 hour from getting sample from ED+SDEC.

Troponin Measurement Trends + Gap Identified



Guideline

