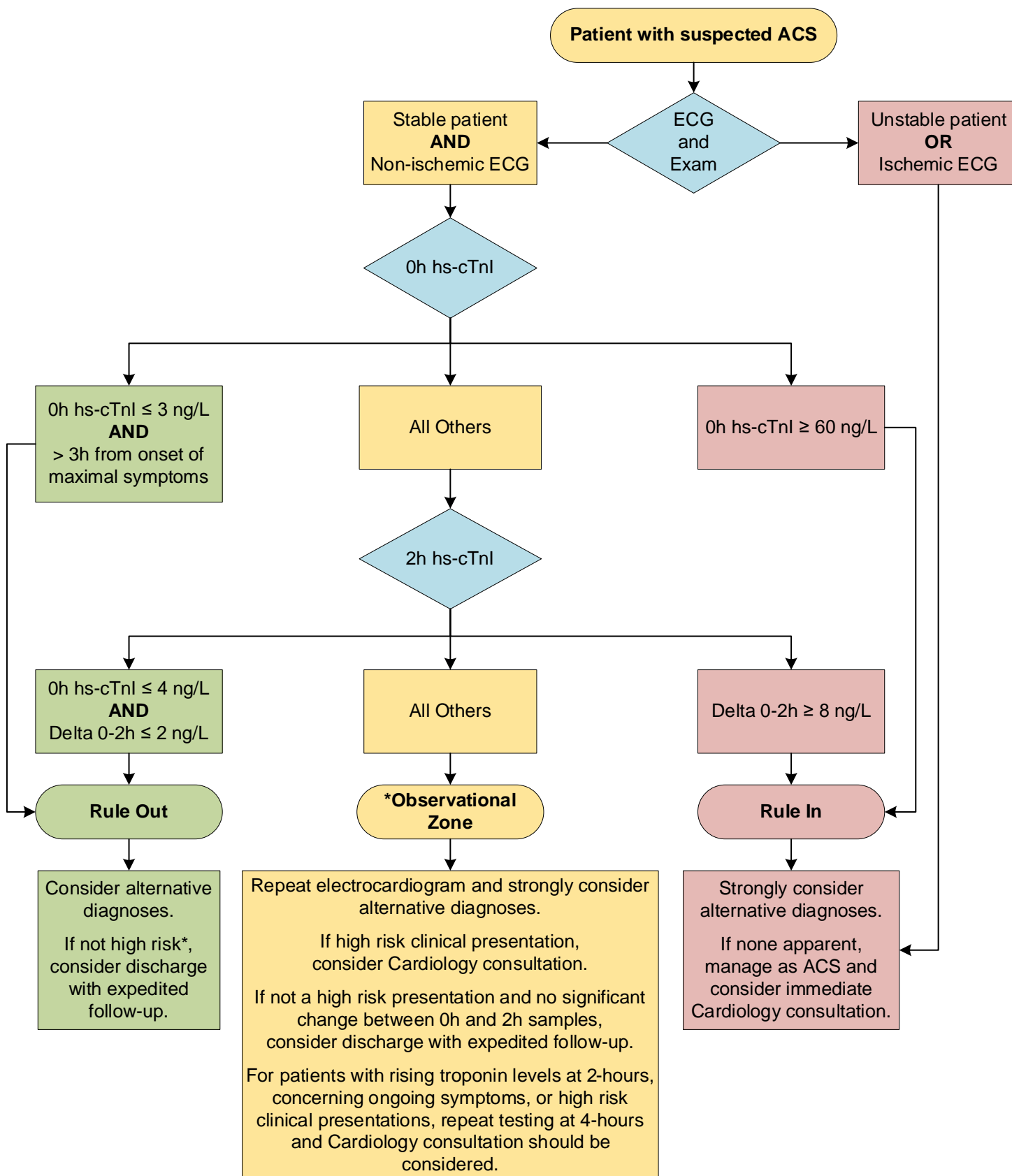


2-Hour Chest Pain Pathway for Quidel® TriageTrue® High Sensitivity Troponin-I Assay



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Note:

*For all patients with abnormal hs-cTnI results, check the medical record for prior results. Many patients have stable abnormalities in hs-cTnI and measured concentrations similar to the patient's baseline are reassuring.

Per European Society of Cardiology (ESC) Guidelines and 4th universal definition of MI, if the patient is >6h from symptom onset, has a hs-cTnI <21 ng/L (99th percentile upper reference limit), are pain-free, and have a low-risk presentation, they can be considered ruled out.

However, coronary ischemia has not been definitively excluded and unstable angina must be considered. Disposition after a single hs-cTnI <21 ng/L should only be considered for patients with low-risk clinical presentations who are >6 hours since symptoms onset, and should be used cautiously.

Troponin concentration may be elevated in the presence of kidney dysfunction. Patients with an eGFR <60 and an elevated troponin concentration should undergo serial testing to confirm a rising troponin concentration consistent with myocardial injury. Patients with an eGFR <60 who have troponin concentrations in the rule-out zone can be considered to have myocardial injury safely excluded.

HEART Score Calculation			
History	Highly suspicious	2	
	Moderately suspicious	1	
	Slightly suspicious	0	
ECG	Significant ST-depression	2	
	Non-specific repolarization disturbance, LBBB, LVH, Paced	1	
	Normal	0	
Age	≥ 65 years	2	
	45-64 years	1	
	≤ 44 years	0	
Risk Factors	<input type="checkbox"/> Diabetes <input type="checkbox"/> Current smoker <input type="checkbox"/> Obesity <input type="checkbox"/> Family hx CAD <input type="checkbox"/> HTN (diagnosed) <input type="checkbox"/> HL (diagnosed)	≥ 3 risk factors or history of atherosclerotic disease	2
		1 or 2 risk factors	1
		No risk factors known	0
hs-cTnI (peak)	> 3x normal limit (64 ng/L or greater)	2	
	1-3x normal limit (21-63 ng/L)	1	
	< normal limit (< 21 ng/L)	0	
Total (10 maximum)			
HEART Score Interpretation			
Low Risk		0-3	
Moderate Risk		4-6	
High Risk		7-10	