

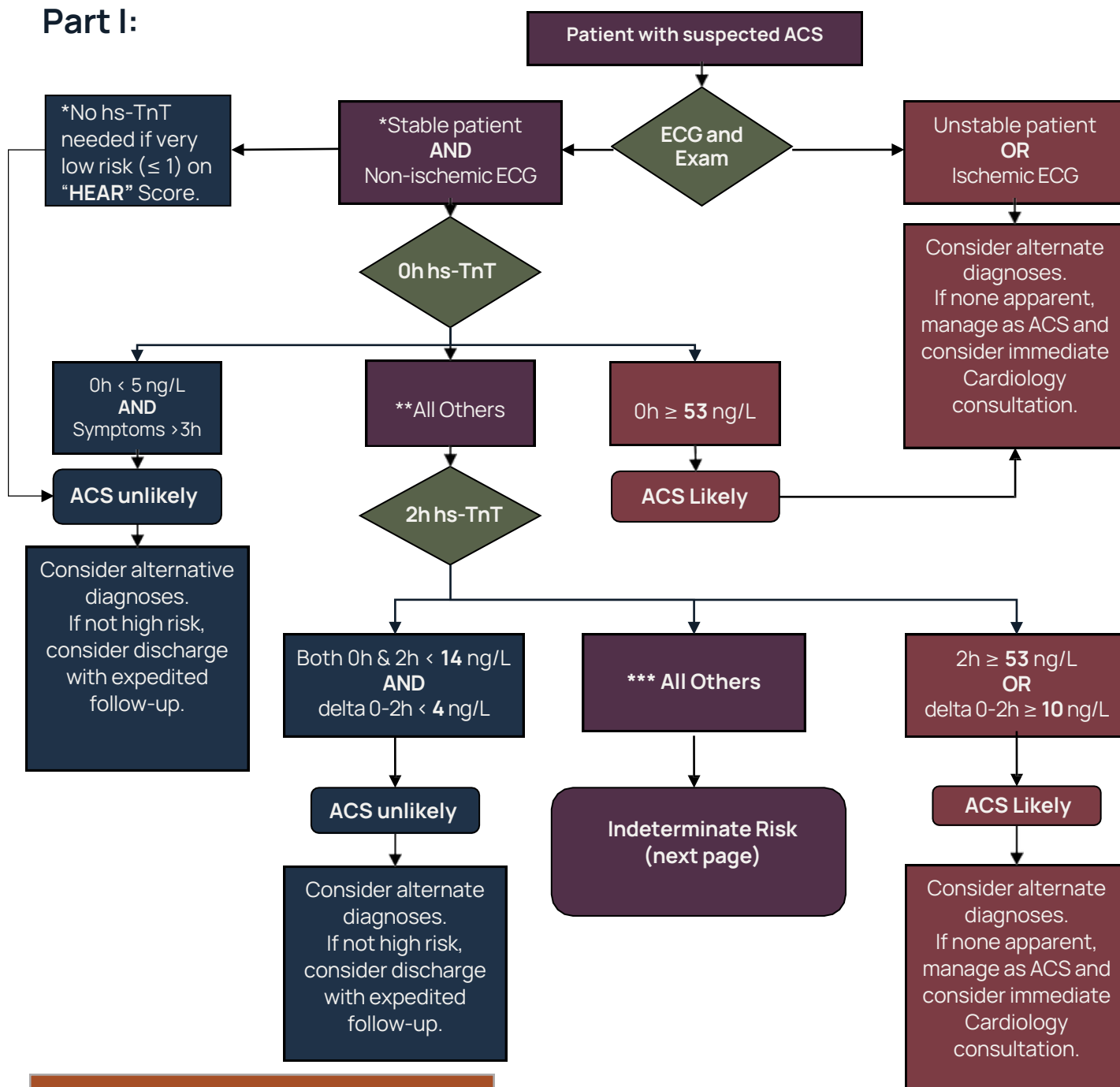


WRHN

Waterloo Regional
Health Network

High Sensitivity Troponin T (hs-TnT) Survival Guide

Part I:



HEAR* Score (0-1 = low risk)				
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	☐ Diabetes	≥ 3 risk factors or history of atherosclerotic disease	2	
	☐ Current smoker			
	☐ HTN (diagnosed)	1 or 2 risk factors	1	
	☐ HL (diagnosed)			
☐ Family hx CAD	No risk factors known	0		
☐ Obesity				

Note:

* Consider using a structured risk assessment tool such as the HEAR (HEART without the TnT testing) to aid decision making for **very low** risk patients.

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

*** The **indeterminate risk pathway** arm relies on expert opinion and local consensus. It aligns with current guideline recommendations.

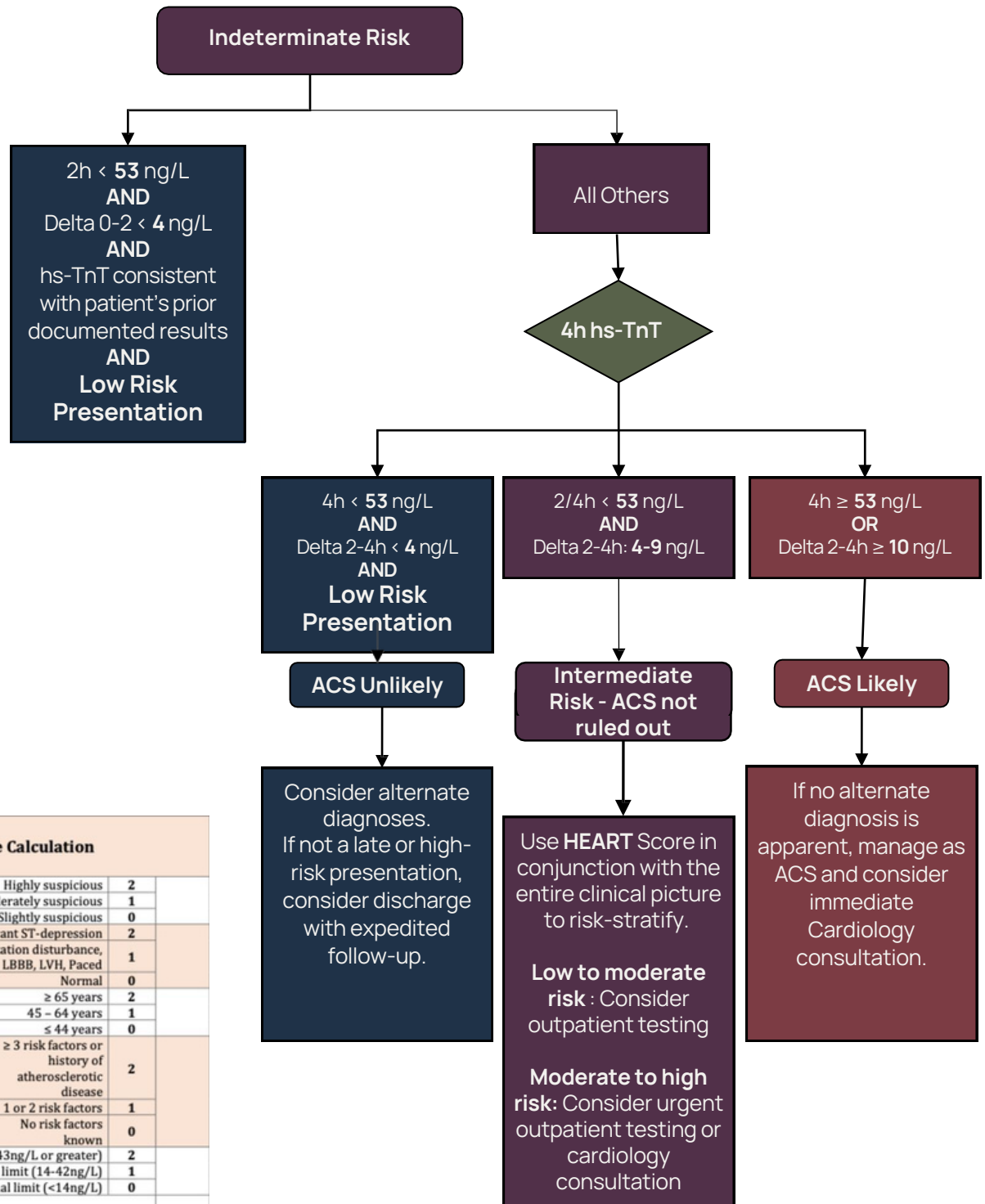


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Part II:



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	☐ Diabetes ☐ Current smoker ☐ HTN (diagnosed) ☐ HL (diagnosed) ☐ Family hx CAD ☐ Obesity	≥ 3 risk factors or history of atherosclerotic disease	2
		1 or 2 risk factors	1
		No risk factors known	0
hs-cTnT (Peak)	> 3x normal limit (43ng/L or greater)	2	
	1-3x normal limit (14-42ng/L)	1	
	< normal limit (<14ng/L)	0	
Total (10 maximum)			
HEART Score Interpretation			
Low Risk		0-3	
Moderate Risk		4-6	
High Risk		7-10	

Note:

* Consider using a structured risk assessment tool such as the HEART score to aid decision making for all patients without indications for Cardiology consultation.

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

***The **indeterminate risk pathway** arm relies on expert opinion and local consensus. It aligns with current guideline recommendations.