

# SMGH High Sensitivity Troponin Pathway

Algorithm adapted from Andruchow et al. *Canadian Journal of Cardiology* 2018;34:98-108.  
HsTnI values from Nestelberger et al. *Clinical Chemistry* 2019;65(11):1-11.

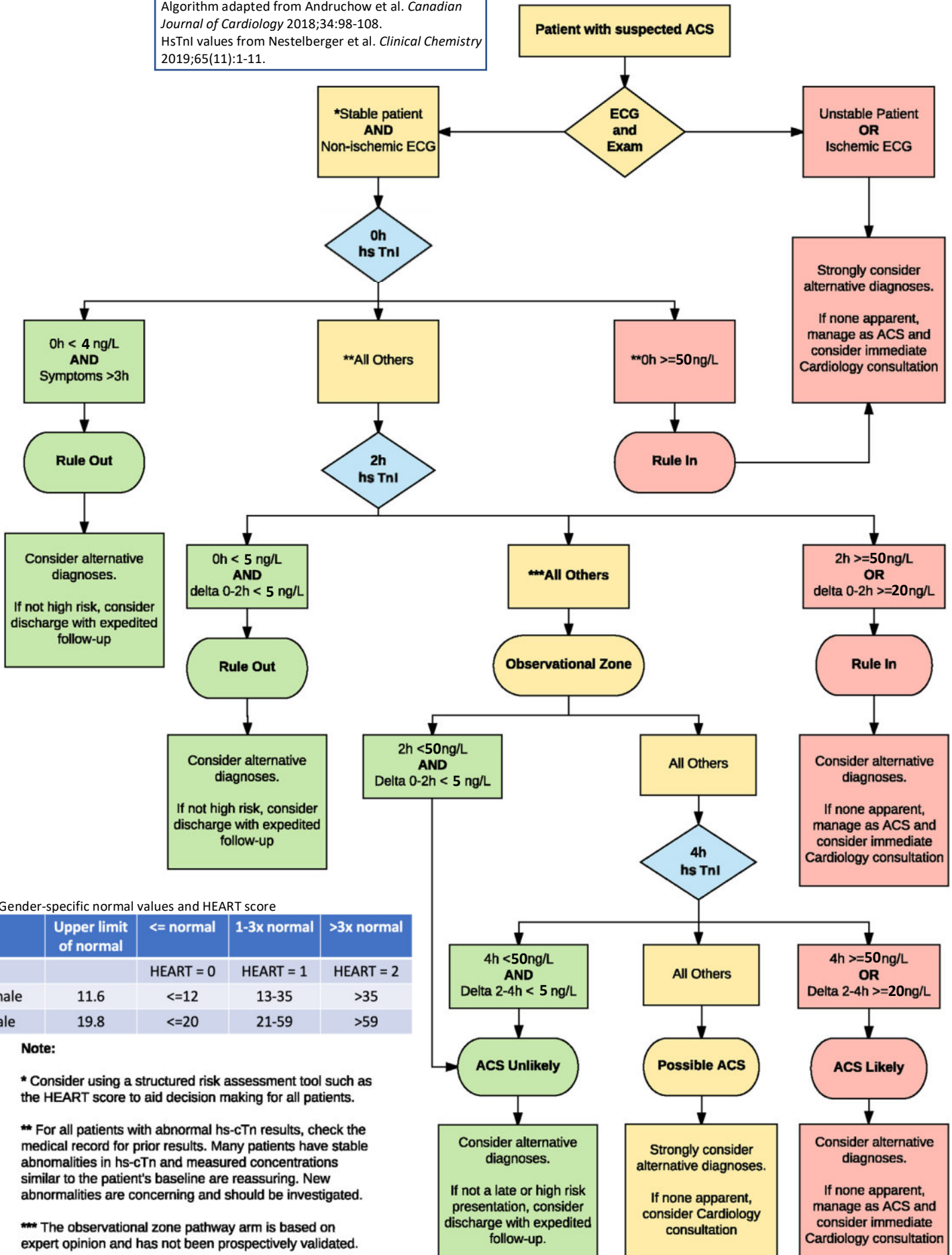


Table: Gender-specific normal values and HEART score

	Upper limit of normal	<= normal	1-3x normal	>3x normal
		HEART = 0	HEART = 1	HEART = 2
Female	11.6	<=12	13-35	>35
Male	19.8	<=20	21-59	>59

**Note:**

\* Consider using a structured risk assessment tool such as the HEART score to aid decision making for all patients.

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

\*\*\* The observational zone pathway arm is based on expert opinion and has not been prospectively validated.