

To: Participating Physicians and Healthcare Providers

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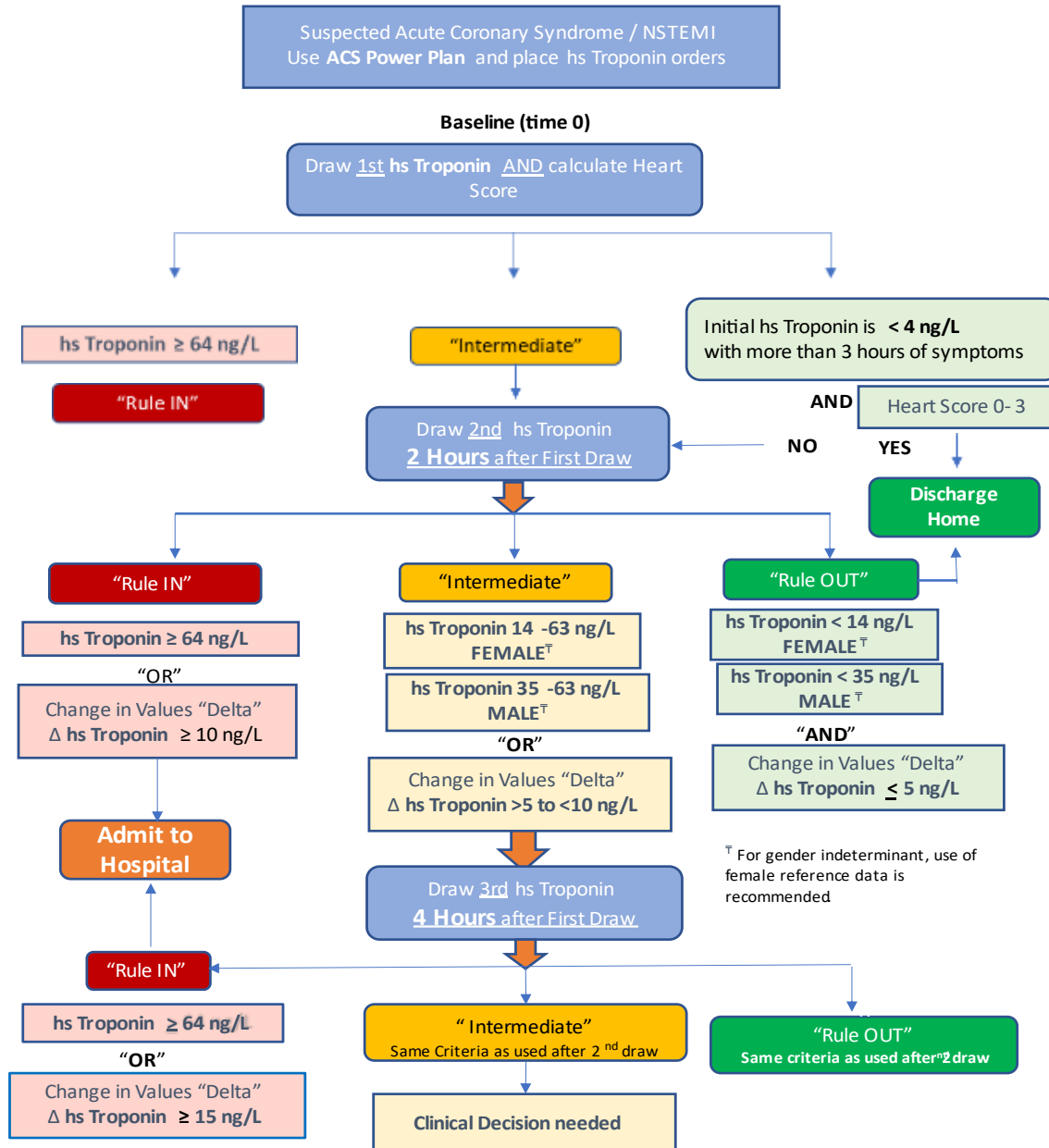
RE: ***Revised high sensitivity (hs) troponin algorithm***

Effective immediately, please adopt the attached, revised high sensitivity troponin algorithm. The algorithm has been modified by our clinical leadership team to include recommendations after baseline testing as well as a general guidance statement.

Laminated copies of the algorithm will be available to assist you with conversion to this new test. To request a copy or for other questions, please call the Chemistry Lab at Kent Hospital (401-737-7000, x31384) or Women & Infants Hospital (direct: 401-430-1239 or 401-274-1122, x41239).

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The CNE multi-disciplinary team suggests that after time zero, patients without known CAD (previous MI, any revascularization, known 70% stenosis) who have **ANY** hs-trop value in the ‘green zone’ can safely be discharged, regardless of initial HEART score.

hs-Troponin results should be used with other diagnostic information, patient symptoms and clinical judgement as an aid in the diagnosis of acute coronary syndrome. Adapted from ESC Guidelines, European Heart Journal, 2020 and Hughes et al., Clinical Biochem. 2023.

**A critical value of  $\geq 64$  ng/L or delta  $\geq 10$  ng/L at 2 hours or delta  $\geq 15$  ng/L at 4 hours will be called.**

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