

Date: 6/6/2023

To: UCM Medical Staff, House staff, Nursing Staff, Patient Care Centers, and Outpatient Clinics

From: KT Jerry Yeo, PhD, DABCC, FAACC
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Subject: Cardiac Panel Change Post-EPIC Beaker Live

Effective Date: 6/7/2023

Laboratory Section: Clinical Chemistry

Summary:

Post EPIC Beaker (Lab Information System) implementation, we will be **de-activating the Cardiac Panel 2** (Total CK, CK-MB and Troponin) [LABBSCKM]. This is because the routine use of CK-MB and total CK for the workup of acute myocardial injury and infarct has been largely replaced by cardiac troponin as recommended by recent 2018 ACS-ESC guidelines¹ and Choosing Wisely initiatives^{2,3}. In addition the current Beaker version would not allow us to cancel the troponin or any test in the panel due to presence of interferences (e.g. hemolysis) and send a note to the physician/provider for a redraw.

What remains unchanged is the availability of the:

- High sensitivity troponin T [LABCHHSTROT]
- CK-MB Isoenzyme panel (CK total and CK-MB) [LABCHCKM]

Questions:

If there are any questions regarding this change, please contact:

- Dr. Jerry Yeo from Clinical Chemistry (jyeo@bsd.uchicago.edu)

References

1. Thygesen et al. Fourth Universal Definition of Myocardial Infarction. Circulation. 2018 Nov 13;138(20)
2. <https://www.aafp.org/pubs/afp/collections/choosing-wisely/246.html>
3. <https://shmpublications.onlinelibrary.wiley.com/doi/full/10.12788/jhm.2846>