DATE: March 18th, 2021
TO: UCM Medical Staff, Housestaff, Nursing Staff, Patient Care Centers, and Outpatient Clinics
FROM: KT Jerry Yeo, PhD, DABCC, FAACC, Medical Director, Clinical Chemistry Laboratories
       Xander van Wijk, PhD, DABCC, FAACC, Assistant Medical Director, Clinical Chemistry Laboratories, Medical Director, Rapid Response Laboratory
RE: Clinical Chemistry Updates

Effective **March 24th, 2021**, the Clinical Chemistry & Rapid Response Laboratories will be making the following changes:

1) PTH assay: Venous blood will be collected in lavender top tube.

2) Updated reference ranges
   a. Na\(^1\): 135-145 mmol/L
   b. Cl\(^1\): 98-108 mmol/L
   c. Lactic acid\(^2\): 0.4-2.0 mmol/L

3) Whole blood Lead (Pb)
   a. Venous blood lead will be collected in Tan-top tube (test code PBB); collections for capillary lead remains the same (test code PBBC)
   b. The whole blood reference range will be updated to \(<5 \mu g/dl\) per CDC recommendations\(^3\).

If you have any questions, please contact either of us by email at jyeo@bsd.uchicago.edu or xvanwijk@bsd.uchicago.edu.

References
1. UCM Clinical Chemistry Laboratory Internal Reference range validations
   https://www.cdc.gov/niosh/topics/ables/ReferenceBloodLevelsforAdults.html