



Memorandum Core #179

To: UNCMC, Hillsborough Hospital, and Eastowne Medical Office Physicians, Housestaff, Nursing Coordinators, Department Heads, and Supervisors

From: *MCW* Herbert C Whinna, MD, PhD
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Subject: Reference Range Changes to Serum and Urine Creatinine

November 15th 2021, UNC Med Center, Eastowne, and Hillsborough locations will switch creatinine testing back to enzymatic analysis. The old methodology, originally implemented in September, was necessary due to supply change disruptions.

This change will not impact ordering or order sets. EPIC will display the correct reference ranges based on the reagent used for measurement

Serum	New Method (Enzymatic) mg/dL	Old Method (Jaffe) mg/dL
Adult Female	0.5-0.8	0.55-1.02
Adult Male	0.6-1.1	0.70-1.30
Adult Unspecified	0.6-0.8	0.70-1.02

Urine	New Method (Enzymatic) mg/day	Old Method (Jaffe) mg/day
Adult Female	600-1800	600-1800
Adult Male	800-2000	950-2490
Adult Unspecified	800-1800	950-1800

For questions please contact

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