

## IMPORTANT CLINICAL LABORATORY MEMORANDUM

Date: 5/19/25

To: CAMC Providers  
CAMC Staff  
CAMC LabWorks Clients

From: CAMC Vandalia Health Southern Region laboratories

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**EFFECTIVE: 5/27/25**

### **TOPIC: Laboratory Critical Value Changes**

To align laboratory critical values across Vandalia Health Systems, the Pathology Department along with the Medical Executive Committee have approved the following changes to laboratory critical values.

CHEMISTRY	Current CAMC Critical Values	Proposed Change to align with Vandalia Health
Alcohol	None	>350 mg/dL
Calcium	>12 yrs: $\leq 6.0$ or $\geq 12.0$ mg/dL	>12 yrs: <6.0 or >13.0 mg/dL
Calcium	$\leq 12$ yrs: <7.6 or >11.9 mg/dL	Stays the same
CO2 (whole blood/serum/plasma)	$\leq 10$ or $\geq 40$ mmol/L	<10 or >45 mmol/L
Glucose (serum/plasma/whole blood)	>12 yrs is $\leq 49$ or $\geq 500$ mg/dL	>12yrs: <50 or >450 mg/dL
Glucose (serum/plasma/whole blood)	$\leq 12$ yrs all stays the same	Stays the same
Magnesium	$\leq 1.0$ or $\geq 3.0$ mg/dL	<1.0 or >4.0 mg/dL

If you have any questions, please contact the testing laboratory.

Thank you!