

## IMPORTANT CLINICAL LABORATORY MEMORANDUM

Date: 11-13-2024

To: CAMC Providers  
CAMC Staff  
CAMC LabWorks Clients

From: CAMC Clinical Laboratories

Milton Plata, MD - CAMC General, CAMC Memorial, CAMC Women and Children's

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### TOPIC: ANION GAP ADDED TO CHEMISTRY PANELS – TAKE TWO

#### EFFECTIVE: 11/20/2024

The Anion Gap measurement [ $\text{Na} - (\text{Cl} + \text{CO}_2)$ ] will be added to several common blood chemistry panels. The initial rollout caused an unforeseen issue where older anion gap results requested to be reviewed and filled up provider message centers. This issue has been resolved and retested to ensure it does not recur.

Anion Gap will be made available in the patient's medical record (Powerchart, Lab Reports, Interfaces) for the following panels:

- Electrolyte Panel (i.e. Lytes)
- Basic Metabolic Panel (i.e. BMP)
- Comprehensive Metabolic Panel (i.e. CMP)
- Renal Function Panel (i.e. Renal Panel)

A couple items to note:

- If one of the results included in the calculation is above or below linearity for that particular test, a greater than (>) or less than (<) will appear with the anion gap result.
- If more than one result included in the anion gap calculation is above or below linearity, the anion gap will not calculate.
- There is not an established linearity limit for the anion gap itself as it is a calculation.

Please direct any questions to **CAMC Memorial Hospital Lab Administration** at **304-388-9075**.

Thank you!