

17 August, 2021

ILU 21-67

To: IH Physicians, IH Nursing, IH Laboratory
From: Mark Anderson, Director, Chemistry Working Group
Dr. Karina Rodriguez-Capote IH Clinical Biochemist
Dr. Teralee Burton, IH Clinical Biochemist

Re: New Beckman Coulter Immunoassay Analyzers Launch in IH
Effective August 30, 2021

Important Information

As of August 30, 2021, new Beckman Coulter immunoassay analyzers will replace the current immunoassay chemistry analyzers on the following sites:

- KGH and RIH, will have **two** Dxl 600 analyzers at each site
- EKH, KBH, PRH and VJH; will have **two** Access 2 analyzers at each site
- CDH, CMH, CVH, EVH, GDH, IDH, KLH, LIH, NVH, OMH, SLH, SOG QVH; will have **one** Access 2 analyzer with iSTAT as backup

We have compared the performance of all assays between the current and the new instruments. Due to differences in methodology, a **slight shift** may be observed in patient results, which is typically clinically insignificant.

For 6 months after the new instruments go live, the results will be appended with a comment to caution against comparing with results obtained using the previous methodology.

Action Required

- Physicians will need to consider a slight shift may be present initially on certain assays, which may be apparent on patients who are being serially monitored.
 - Close attention to the results report is required when interpreting results
 - Some assays will have a different reference interval
 - Awareness of the results report reference interval is imperative at those sites with the iSTAT as backup to the Access 2
 - Establishing a new baseline may be required for some patients
- For any questions or concerns please use the contact information below.