

DATE:	2022 September 6
TO:	North Zone – Physicians, Nurses, Laboratory Directors and Managers
FROM:	Dr. Feisal Yamani, Pathologist, North Zone
RE:	New Chemistry Analyzer Implementation and Expanded Test Menu at Grimshaw Laboratory

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Key Message

- Grimshaw Laboratory will be implementing a Vitros XT3400 along with an expanded test menu on **September 8, 2022**.
- This platform has already been in use in other labs throughout the province.

Background

- The following tests were previously performed on the iStat and will now be transitioned to the Vitros XT3400:
 - Glucose
 - Urea
 - Creatinine
 - Electrolytes (Sodium, Potassium, Chloride, CO₂)
- Additionally, the following tests will now be available on site:
 - Acetaminophen
 - Alkaline Phosphatase (ALP)
 - Alanine Aminotransferase (ALT)
 - Aspartate Aminotransferase (AST)
 - Total and Direct Bilirubin
 - Neonatal Bilirubin
 - Calcium
 - Magnesium
 - Phosphorus
 - Lipase
 - Gamma Glutamyl Transferase (GGT)
 - CK

Action Required

- For reference ranges, please refer to [Laboratory Test Directory & Collection Information | Alberta Health Services](#)

Effective

- **September 8, 2022**

Questions/Concerns

- Dr. Feisal Yamani, Feisal.Yamani@albertaprecisionlabs.ca

Approved by

- Dr. Feisal Yamani, Pathologist, North Zone