**To:** Dartmouth Health Providers

**From:** Lynn A. Brunelle, Ph.D., Assistant Director, Clinical Chemistry Services

**Date:** 4/14/2023

**RE:** Updated Serum Acetaminophen Critical Concentration Threshold

Effective April 18, 2023, the critical concentration threshold value for serum acetaminophen will change to greater than 50 mg/L from a previous value of greater than or equal to 5 mg/L. The reference interval will also be changing to 5 to 30 mg/L from the previous interval of 10 to 30 mg/L.

**Why is this change being made?**

To better communicate results that require rapid provider intervention, serum acetaminophen values greater than 50 mg/L will be called to the responsible provider. Serum acetaminophen values at or below 50 mg/L are typically less urgent in nature and all values greater than 30 mg/L will generate an elevated result flag in Epic.

**What do Providers need to do?**

Review the reporting changes and reach out with any questions.

**For questions or additional information, please contact:**

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