

Date: April 20, 2022

To: Saskatchewan Healthy Authority- Physicians, Allied Health Care Professionals & Practitioners, Nursing staff and ward clerical staff. Saskatoon Integrated Service Area **ONLY**

From: Dr. B. Kyle, Dr. A. Lyon, Clinical Biochemistry Division, SHA Laboratory Medicine.

Re: Update to VANCOMYCIN testing and reporting

PLEASE POST AND DISTRIBUTE AS WIDELY AS APPROPRIATE

Key messages:

- On April 20th, 2022 the laboratory information system in Saskatoon will be updated with new test codes for vancomycin. The vancomycin test code will change from VANMC to reflect **trough** (VANCT) and **peak/random** (VANCP) reporting. Orders and reports in SCM will indicate the new test codes. Monitoring trough levels of vancomycin (i.e. prior to the next dose) is recommended in most clinical situations.
- Reference intervals and critical values are changing to be consistent with the Saskatchewan Health Authority Dept. of Pharmacy Services Adult Vancomycin Dosing Nomogram. All vancomycin levels will be reported in units of mg/L. Comments will be included in reports referencing the nomogram.
- The updated reference intervals and critical values for vancomycin are:
 - Trough Reference interval: 10-20 mg/L, critical value: 25 mg/L
 - Peak or Random Reference interval 20-45 mg/L, critical value: 60 mg/L
- These changes will impact Saskatoon Integrated Service Area **ONLY**.

Inquiries may be directed to:

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Or

Clinical Biochemist On-Call through hospital Switch Board

For additional information regarding Laboratory Services in the former Saskatoon Health Region area, please refer to our website- [Laboratory Services Manual](#).