

**Date:** September 27, 2011

**To:** South Zone – West: All Physicians, All Nursing Units, South Zone - West Laboratories, Pharmacy

**From:** Dr. B. Popma, Zone Clinical Department Head (Co-Lead), Laboratory Medicine, South Zone  
Lisa Vandergouwe, Chinook Regional Hospital Site Manager, Laboratory

**Re:** LB-26-11 Changes to Gentamicin Ordering

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**Key Messages:**

Effective September 28, 2011, ordering mnemonics for Gentamicin are being updated and expanded to meet clinical needs.

**Why this is important:**

Current ordering mnemonics for Gentamicin do not support clinical situations that fall outside of the traditional peak, trough and 8 hour interval protocols.

**Action Required:**

- GENI (Gentamicin Interval) will be inactivated and replaced with GENI8H (Gentamicin Interval 8 hour) to reflect collection at “8h” post infusion for extended interval dosing protocols.
  - The acceptable window for collection will be changed from the current 8-10 hours to 7-9 hours.
- GENO (Gentamicin Other) is now available for order and can be used for protocols and/or clinical presentations that require testing outside of traditional dosing/collection regimes.
  - No reference ranges will be attached to Gentamicin “other” results.
- Collections must be ordered under the “TIMED” priority

**Inquiries and feedback may be directed to:**

- Dr. B. Popma, Zone Clinical Department Head (Co-Lead) at 403-388-6153

This bulletin has been reviewed and approved by  
Dr. B. Popma, Zone Clinical Department Head (Co-Lead), Laboratory Medicine, South Zone