

**HACKETTSTOWN REGIONAL MEDICAL CENTER
LABORATORY POLICY MANUAL
GENTAMYCIN, TOBRAMYCIN, OR VANCOMYCIN PROTOCOL**

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Effective Date: March, 2006

Policy No: SC 200.01

Cross Referenced:

Origin: Special Collections

Reviewed Date:

Authority: Laboratory Director

Revised Date: 01/12, 05/12

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PURPOSE: To properly collect peak or trough levels of Gentamycin, Tobramycin and Vancomycin.

POLICY: As follows:

PRELIMINARY LAB WORK

1. Serum creatinine and BUN determination within four days before or 24 hours after initiation of therapy.
2. Two or more blood cultures as deemed necessary of appropriate site of infections prior to beginning of therapy.

SCHEDULING OF LAB WORK

1. Lab request to indicate Gentamycin, Tobramycin, or Vancomycin levels should be entered into the Cerner system specifying proper time for each specimen to be collected. The Laboratory adheres to the guidelines established by the P & T Committee and references the Pharmacy PN.08B. See attached.

REPORTING OF RESULTS:

The laboratory will call the floor (IP) or the physician (OP) under the following conditions:

- 1) "Peak level" is greater than 10 mcg/ml for Gentamycin/Tobramycin
- 2) "Trough level" is greater than 2 mcg/ml for Gentamycin/Tobramycin or 10 mcg/ml for Vancomycin.
- 3) Random Vanco is < 10 mcg/ml