

**POLICY AND PROCEDURE MANUAL  
PHARMACY SERVICES**

SECTION: **INTRAVENOUS ADMIXTURE PROGRAM**  
SUBJECT: **INPATIENT VANCOMYCIN MONITORING**

CODE: 5.15.0  
DATE: 4/15/11,12/28/12  
REVISED: 4/19/22  
APPROVED: Tinh Tran, Pharm.D  
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POLICY

Monitoring of hospital patients on vancomycin will be done by the Inpatient Pharmacy to assure that the dose is appropriate and safe for the patients' current disease state and physical condition.

PROCEDURE

- I New Vancomycin order
- A If dosing clarification needed, discuss with physician the following:
1. For patients with normal renal function, recommend:
    - an appropriate dose (in most cases in pts with normal renal function:  
15 mg/kg IV q12hr)
    - check trough 30 minutes prior to 4<sup>th</sup> dose (goal trough level 5 ~ 20)
  2. For patients with renal impairment, or on other ototoxic and/or nephrotoxic medications, recommend starting patient on lower dose, check trough 30 minutes prior to 4<sup>th</sup> dose, monitor renal function, and suggest Clinical Pharmacist consult as needed.
  3. For patients on hemodialysis, recommend spot dosing vancomycin post hemodialysis, check random level 24~48 hrs after dose, and suggest Clinical Pharmacy consult
- II Elevated Vancomycin trough (goal trough level 5 ~ 20)
- A If Clinical Pharmacist is NOT following the patient:
1. Check to see if trough was drawn at appropriate time
    - If trough was not drawn appropriately, call physician and recommend re-draw at proper time
    - If trough was drawn appropriately, call physician and discuss appropriate dosage adjustment, recommend rechecking trough prior to 4<sup>th</sup> dose after dosage change, and suggest Clinical Pharmacist consult as needed.

Reviewed: 4/29/14bj, 6/8/15ll, 4/19/2022 TT

Approved By: 

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III No Vancomycin level after 7-10 days

A If a Clinical Pharmacist is NOT following the patient:

- 1 Recommend drawing a vancomycin trough level prior to the next dose.
- 2 Recommend a Clinical Pharmacist consult as needed

**\*\*\*CLINICAL PHARMACIST CONSULTATION SERVICE HOURS:  
Monday through Friday, 7:00 AM – 3:30 PM**