

**FLOYD MEDICAL CENTER
POLICY AND PROCEDURE MANUAL
PATIENT CARE SERVICES**



TITLE: Ordering and Monitoring of Aminoglycosides /Vancomycin for Patients Under 18 Years of Age	Policy No.: PCS-06-026
Purpose: To establish uniform guidelines for the ordering and monitoring of Aminoglycosides and/or Vancomycin in patients under 18 years of age.	Developed Date: 7/04 Review Date: 10/06, 2/13, 6/18 Revised Date: 2/09, 12/10, 4/15, 11/18 Review Responsibility: Executive VP Chief of Patient Services/CNO, Nursing Leadership, Director of Pharmacy, Clinical Pharmacy Director, Pharmacy and Therapeutics Committee
Reference Standards: MM. 05.01.01, 07.01.01	

Policy:

The clinical pharmacist will be available to dose and monitor all patients under the age of 18, who are prescribed an aminoglycoside or vancomycin.

Physician Responsibility

- ◆ Enter an order or give a verbal order for an aminoglycoside or vancomycin in the patient's medical record.

Clinical Pharmacy Responsibility

- ◆ Write/Enter orders for dosing the drug and monitoring the patient, if ordered.

Nursing Responsibility

- ◆ The nurse will document **strict intake and output** in the medical record, for the patient receiving the aminoglycoside or vancomycin.
- ◆ If a dose of aminoglycoside or vancomycin is not given within 30 minutes of when scheduled to be given, the nurse will take the following action:
 - The nurse will chart the time of administration on the EMAR.
 - The nurse may fax an EMAR correction form to the Pharmacy to request an altered schedule if needed.
- ◆ **Note: There is a specific policy for patients 18 years or older. Please refer to policy PCS-06-025.**

OBTAINING BLOOD SAMPLES FOR AMINOGLYCOSIDE/VANCOMYCIN LEVELS

Prior to laboratory or nursing personnel obtaining the blood sample for an aminoglycoside or vancomycin level, the nurse will verify the sample is to be obtained at that time. To allow for the most accurate blood levels of these drugs, the order for collection site preference for will be as follows:

1. Separate stick from a peripheral vein.
2. Arterial line
3. Multiple lumen central line (use only if #1 or #2 cannot be obtained), which must be taken from a different port than the one used for drug infusion. One lumen of the line will be marked for aminoglycoside or vancomycin infusion. The most proximal port should be the one used for obtaining blood, with a more distal port used for drug infusion. If drawn from the central line a notation must be made in Cerner to indicate the specimen was drawn from a central line.

Note: Blood for aminoglycoside/vancomycin levels should not be drawn from the same line/port that is used to infuse the drug except in unusual circumstances, and then only if none of the above sites are available. If drawn from the same line, the line should be flushed first, and then at least 6 ml of blood drawn and discarded before obtaining the sample to send to the lab. Blood drawn from the same line/port that is used to infuse the drug must be documented in the nurse's notes. (**Note: Blood will not be drawn from smaller than a # 4 Central Line**).