

Vancomycin

Usual Diluents

D5W, NS,LR

Reconstitution

Reconstitute vials with 20 mL of SWFI for each 1 g of vancomycin (10 mL/500 mg vial; 20 mL/1 g vial; 100 mL/5 g vial; 200 mL/10 g vial). The reconstituted solution must be further diluted with at least 100 mL of a compatible diluent per 500 mg of vancomycin prior to parenteral administration.

Standard Dilutions [Amount of drug] [Infusion volume] [Infusion rate]

Concentration less than or equal to 5 mg/ml

[0 to 500 mg] [100 ml] [30 minutes]
[501-1250 mg] [250 ml] [60 minutes]
[1251-1750mg] [500ml] [\geq 90 minutes]
[1751-2250mg] [500 ml] [\geq 120 minutes]

(Concentration less than or equal to 2.5 mg/ml)

[Amount of drug] [Infusion volume] [Infusion rate]
[0 to 250 mg] [100 ml] [30 minutes]
[251 - 625 mg] [250 ml] [60 minutes]
[626 - 1250mg] [500ml] [\geq 90 minutes]

Minimum Dilutions - Monitor for infusion related reactions

[500-1000mg] [100ml] [60 minutes]*
[1001-1500mg] [150ml] [60 - 90 minutes - slower rate for upper range]*
[1251-1750mg] [250ml] [\geq 90 minutes]*
[1751-2250mg] [250 ml] [\geq 120 minutes]*

*Consider central line

Stability / Miscellaneous

- "Vancomycin reconstituted intravenous solutions are stable for 14 days at room temperature or refrigeration. "
- Solutions diluted for administration in either D₅W or NS are stable under refrigeration for 14 days or at room temperature for 7 days.