

VANCOMYCIN DOSING GOAL TROUGH 15 – 20

Allergies (Reactions) _____ Ht _____ Wt _____ kg

Diagnosis _____

(This form is NOT for morbidly obese, septic shock, ascites, unstable renal, unstable hemodynamics, pregnancy, pediatrics)

Step 1: **Loading Dose:** 25mg/kg, based on ACTUAL body weight (max 2500 mg — round to nearest 250mg)

Loading dose of VANCOMYCIN _____ mg IVPB x 1

Step 2:

Calculate CrCl, use IDEAL body weight (IBW)
(NOTE: If patient weight is LESS than IBW, use ACTUAL weight)

IBW (male): 50kg + 2.3kg/inch over 60

IBW (female): 45kg + 2.3kg/inch over 60

$CrCl = (140 - \text{age}) \times IBW (kg) \times (0.85 \text{ if female}) / (72 \times SCr)$

Use SCr of 0.8mg/dL if pt < 60 years old

Use SCr of 1mg/dL if pt is 60 or older

Actual weight (kg): _____ Ideal weight (kg) _____

CrCl (mL/min) _____ (Based on IBW or ACTUAL weight, whichever is LESS)

		Creatinine Clearance											
		0	10	15	20	30	40	50	60	70	80	90	100
ACTUAL weight	50kg	1250mg x1	500mg Q48h	750mg Q48h	1000mg Q48h	500mg Q24h	750mg Q24h	500mg Q12h	500mg Q12h	750mg Q12h	1000mg Q12h	1000mg Q12h	750mg Q8h
	60kg	1500mg x1	750mg Q48h	1000mg Q48h	1250mg Q48h	750mg Q24h	500mg Q12h	500mg Q12h	750mg Q12h	1000mg Q12h	1000mg Q12h	1250mg Q12h	750mg Q8h
	70kg	1750mg x1	750mg Q48h	1000mg Q48h	1250mg Q48h	750mg Q24h	500mg Q12h	750mg Q12h	750mg Q12h	1000mg Q12h	1250mg Q12h	1250mg Q12h	1000mg Q8h
	80kg	2000mg x1	1000mg Q48h	1250mg Q48h	1500mg Q48h	1000mg Q24h	500mg Q12h	750mg Q12h	1000mg Q12h	1250mg Q12h	1250mg Q12h	1500mg Q12h	1000mg Q8h
	90kg	2250mg x1	1250mg Q48h	1500mg Q48h	1750mg Q48h	1000mg Q24h	750mg Q12h	750mg Q12h	1000mg Q12h	1250mg Q12h	1500mg Q12h	1000mg Q8h	1250mg Q8h
	100kg	2500mg x1	1250mg Q48h	1750mg Q48h	2000mg Q48h	1250mg Q24h	750mg Q12h	1000mg Q12h	1250mg Q12h	1500mg Q12h	1000mg Q8h	1000mg Q8h	1250mg Q8h
	110kg	2750mg x1	1500mg Q48h	1750mg Q48h	1000mg Q24h	1250mg Q24h	750mg Q12h	1000mg Q12h	1250mg Q12h	1500mg Q12h	1000mg Q8h	1250mg Q8h	1500mg Q8h
	120kg	3000mg x1	1500mg Q48h	750mg Q24h	500mg Q12h	750mg Q12h	1000mg Q12h	1250mg Q12h	1500mg Q12h	1000mg Q8h	1250mg Q8h	1250mg Q8h	1500mg Q8h
	130kg	3000mg x1	1750mg Q48h	750mg Q24h	1000mg Q24h	1500mg Q24h	1000mg Q12h	1250mg Q12h	1000mg Q8h	1000mg Q8h	1250mg Q8h	1500mg Q8h	1500mg Q8h
	140kg	3000mg x1	1750mg Q48h	1000mg Q24h	1250mg Q24h	1500mg Q24h	1000mg Q12h	1250mg Q12h	1000mg Q8h	1250mg Q8h	1250mg Q8h	1500mg Q8h	1500mg Q8h
	150kg	3000mg x1	1750mg Q48h	1000mg Q24h	1250mg Q24h	1500mg Q24h	1000mg Q12h	1250mg Q12h	1000mg Q8h	1250mg Q8h	1500mg Q8h	1500mg Q8h	1750mg Q8h

Step 3:

Order vancomycin MAINTENANCE dose based on above nomogram
(Call Pharmacy if parameters are outside nomogram)

Maintenance dose of VANCOMYCIN _____ mg IVPB Q _____ hours

Step 4:

Monitoring:

Obtain trough 30 minutes before 3rd MAINTENANCE dose (goal = 15-20).

Serum creatinine DAILY.

Once therapeutic level is obtained, troughs should be ordered 2-3 times weekly.

Note to Physician: Troughs may be ordered more or less frequently as clinically indicated.

Physician Signature _____ ID# _____ Date _____ Time _____

RN Noted _____ Date _____ Time _____



VENTURA COUNTY MEDICAL CENTER
 SANTA PAULA HOSPITAL
**VANCOMYCIN DOSING
 GOAL TROUGH 15 - 20**

Patient Label
 or
 Two Patient Identifiers