

Multimedia Appendix 1. Pre-intervention vancomycin knowledge survey [1]

1. What is your profession?
 - a. Nurse
 - b. Doctor (intern, resident, registrar, consultant)
 - c. pharmacist
2. How much experience do you have with calculating doses of vancomycin?
 - a. None at all
 - b. Only a little
 - c. I am reasonably experienced
 - d. I am very experienced
3. What do you think is the correct loading dose for vancomycin?
 - a. 5-15mg/kg
 - b. 10-20mg/kg
 - c. 15-18mg/kg
 - d. 25-30mg/kg
4. What is an appropriate maintenance dose for vancomycin for a patient with a creatinine clearance of greater than 90mL/min?
 - a. 1.5g 12-hourly
 - b. 1g 12-hourly
 - c. 1g 48-hourly
 - d. 2.5g 12-hourly
5. How confident are you to determine the administration rate for vancomycin?
 - a. Not at all
 - b. Only a little
 - c. I am reasonably confident
 - d. I am very confident
6. At what rate should vancomycin be administered to avoid red man syndrome?
 - a. 1mg/min
 - b. 10mg/min
 - c. 50mg/min
 - d. 100mg/min
7. How confident are you to provide advice on vancomycin monitoring?
 - a. Not at all
 - b. Only a little
 - c. Reasonably
 - d. Very
8. When should the first level be taken for a dose of 1g 12hrly?
 - a. Within 24 hours
 - b. Within a week
 - c. Before the fourth dose
 - d. Before the third dose
9. What is the usual target range for vancomycin plasma trough levels?
 - a. 1-2mg/L
 - b. 5-10mg/L

c. 15-20mg/L

d. 40-45mg/L

10. Did you refer to any resources to answer these questions?

a. Yes - Therapeutic Guidelines or Australian Medicines Handbook

b. Yes - Local guidelines

c. No - I guessed the answers

d. No - I knew the answers