

Intravitreal Antibiotic Preparation

Vancomycin 1mg/0.1mL

- 1 – vial vancomycin 500mg
- 1 – 15mL NaCl 0.9% Preservative Free (new vial)
- 1 – 10mL syringe
- 1 – 5mL syringe
- 1 – 1mL TB syringe

1. Reconstitute the 500mg vial of vancomycin with 8mL of PF saline
2. Withdraw entire contents and add saline to increase total volume to 10mL
 - Solution concentration is 50mg/mL
3. Place 1mL of the above solution in the 5mL syringe and add 4mL of saline (5mL total volume)
 - Resulting solution concentration is 10mg/mL (1mg/0.1mL)

Note: 0.5ml of the solution left over from step 2 above may be given as a sub-conjunctival injection

Ceftazidime 2.2mg/0.1mL

- 1 – vial ceftazidime 1000mg
- 1 – 15mL NaCl 0.9% Preservative Free (new vial)
- 1 – 10mL syringe
- 1 – 5mL syringe
- 1 – 1mL TB syringe

1. Reconstitute the 1000mg vial of ceftazidime with 8mL of PF saline
2. Allow effervescence to subside before proceeding
3. Withdraw entire contents and add saline to increase total volume to 10mL
 - Solution concentration is 100mg/mL
4. Place 1mL of the above solution in the 5mL syringe and add 3.5mL of saline (4.5mL total volume)
 - Resulting solution concentration is 22.2mg/mL (2.22mg/0.1mL)

Note: 1ml of the solution left over from step 3 above may be given as a sub-conjunctival injection