

Equipment for vitreous tap

Xylocaine 2%
vancomycin (1 ampoule - 500mg)
ceftazidime (1 ampoule - 1g) (or amikacin 1 ampoule 80mg)
water for injection
sterile toothed forceps
sterile lid speculum
sterile gloves
aqueous betadine (10%)
syringes (10ml x 2; 5 ml x 2; 2 ml x2; 1 ml x2)
needle (30g x3; 23g x1, drawing up)

Mixing technique

inject 5ml of water for injection into ampoules (= 100mg/ml vancomycin and 200mg/ml ceftazidime)

withdraw 1 ml of this solution into 10ml syringe and make up to 10 ml with water for injection (= 10mg/ml vancomycin and 20mg/ml ceftazidime)

draw up 0.1ml of these solutions into 1ml syringe with 30g needle (= 1mg/ml vancomycin and 2mg/ml ceftazidime)

amikacin is 80mg in 2ml ampoules

take 1ml of this and dilute in 10ml syringe with water for injection (= 4mg/ml solution)

draw up 0.1ml of this in 1ml syringe with 30g needle (=0.4mg/ml)

Post-op management

oral prednisolone x 10 days (25-50mg)

oral ciprofloxacin

hourly topical steroid (maxidex/pred forte or similar)

hourly ciloxan drops (or similar)

atropine (or similar)