

POST-OP ANTERIOR CHAMBER ANTIBIOTIC/ANTI-INFLAMMATORY INJECTION

List of supplies:

1	BSS	500ml
1	Vancomycin Hydrochloride inj. 500mg	50mg/ml
1	Ceftazidime 1 GM	50mg/ml
1	Dexamethasone	4mg/ml
4	Indomethacin	1mg
1	Kenalog	40mg/ml
2	20cc syringe	
1	5cc syringe	
1	20cc sterile water	
3	TB syringes	
1	Sterile empty vial	20ml
6	5 micron filter needle	
8	20g needles	

Reconstitution of medications:

Vancomycin – Using the filter needle and a 10cc syringe, withdraw 10cc sterile water. Change to a 20g needle and inject 10cc sterile water into 500mg vial of Vancomycin. Solution expires in 1 week.

Ceftazidime – Vent the bottle using a 20g needle. Use a filter needle to withdraw 20cc BSS from the 500cc bottle. Switch to a 20g needle and add to the bottle of Ceftazidime, leaving the 20g “vent” needle in place. Solution expires in 1 week.

Directions for mixing the AC solution:

Using the 5 micron filter needle, withdraw 14.59cc of BSS into a 20cc syringe from 500cc bottle of BSS. Switch to a 20g needle, inject 1cc of BSS into each of the four 1mg vials of Indomethacin to reconstitute. Using the same 20cc syringe, withdraw the reconstituted Indomethacin solution from each 1mg vial. Inject the solution into an empty 20cc sterile vial. (Total volume should equal 14.59cc.) Using a 5 micron filter needle and a TB syringe, withdraw 0.2cc of Dexamethasone. Change to a 20g needle and inject into the same sterile vial containing the Indomethacin solution. Using a 5 micron filter needle and a TB syringe, withdraw 0.08cc Ceftazidime. Change to a 20g needle and inject into the same sterile vial. Using a 5 micron filter needle and a TB syringe, withdraw 0.13cc Vancomycin. Change to a 20g needle and inject into the same sterile vial. Withdraw 5cc Kenalog using a 20g needle and add to same sterile vial.

Final concentration: Kenalog 10mg/1cc AC solution Expires in 24 hours

Dosage per patient:	Routine	Diabetic	Retinopathy
	0.15cc	0.2cc	0.4cc
INDOCIN	0.040mg	0.054mg	0.108mg
CEFTAZADIME	30mcg	40mcg	80mcg
VANCOMYCIN	50.0mcg	66.6mcg	133.2mcg
DEXAMETHASONE	6mcg	8mcg	16mcg
KENALOG	1.5mg	2.0mg	4.0mg

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