Ganciclovir Intravitreous Solution 20 mg/mL

INGREDIENTS:

Ganciclovir 500 mg injection vial	1 vial
Sterile water for injection	10 mL
Sodium chloride 0.9% injection	QSAD: 25 mL

EQUIPMENT AND SUPPLIES:

Containment ventilated enclosure (CVE) or biological safety cabinet (BSC), 2 × 18-G needles, 1 × 10-mL syringe, 1 × 50-mL syringe, 1 × 0.22-µm filter needle

PREPARATION DETAILS:

Caution: Hazardous Drug—Non-antineoplastic hazards: Must be prepared in compliance with USP <800>.

1. Reconstitute injectable powder with 10 mL of sterile water for injection.
2. Withdraw 15 mL of sodium chloride 0.9% injection using a 50-mL syringe.
3. Add injectable solution into the syringe containing sodium chloride 0.9% injection.
4. Cap 50-mL syringe and mix well.
5. Change to a 0.22-µm filter needle.
6. Transfer the solution into a sterile vial.

Quality-Control Procedures — Visually inspect for physical appearance of formulation and container closure integrity (no leakage, cracks in container, or improper seals).

Labeling Requirements — Extemporaneously compounded preparation. Caution: hazardous drug. For ophthalmic use only. Store at room temperature or refrigerate.

Storage Conditions/Stability — **Store at room temperature or refrigerate. Stable for 24 days.**

STABILITY STUDY DETAILS:

Study Container Type — Not specified

Referenced Manufacturer — Not specified

Stability-Indicating Study — No

REFERENCE

1. Morlet N, Young S, Naidoo D, et al. High dose intravitreal ganciclovir for CMV retinitis: a shelf life and cost comparison study. *Br J Ophthalmol.* 1995;79(8):753-755.

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