PEPTIDEDOSAGE

Leuprolide Dosage Chart

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TYPICAL RESEARCH DOSE

1 mg (1000 mcg)/day SC; depot 7.5 mg monthly to 45 mg every 6 months

15 mg vial + 3 mL bacteriostatic water

5 mg/mL · 1 unit = 50 mcg on a U-100 syringe

PHASE	DOSE PER INJECTION	UNITS (PER INJECTION)
IVF/ART luteal-phase or reduced down-regulation dose (0.25 mg)	250 mcg	5 units (0.05 mL)
IVF/ART pituitary down-regulation start (0.5 mg)	500 mcg	10 units (0.10 mL)
Advanced prostate cancer daily standard (1 mg)	1000 mcg (1 mg)	20 units (0.20 mL)

Leuprolide dose to syringe units, by vial size

U-100 insulin syringe: 100 units = 1 mL.

DOSE	15 MG VIAL + 3 ML (5 MG/ML)
250 mcg	5 units (0.05 mL)
500 mcg	10 units (0.1 mL)
1 mg	20 units (0.2 mL)

STORAGE

Daily leuprolide injection solution is stored at controlled room temperature, about 25 °C, with excursions permitted between 15-30 °C; protect from light and do not freeze. Commercial depot kits are stored at room temperature and reconstituted with their supplied diluent immediately before use. A modeled reconstituted research vial would be kept refrigerated at 2-8 °C and used within its dating period.

Educational reference only, not medical advice. Figures restate the research protocol published at the address above.