

Buprenorphine Dosing Training Guide

Why Epicur Pharma's 0.5 mg/mL Drug Concentration Is the Superior Choice

Our 0.5 mg/mL formulation offers the optimal balance between ease of use and dosing accuracy, making it the preferred choice over both lower (0.3 mg/mL) and higher (0.6 mg/mL) concentrations.

- ✓ Streamlines calculations for quick dosing
- ✓ Simplifies syringe selection, reducing workflow complexity
- ✓ Minimizes risk of dosing errors
- ✓ Versatile for all types of veterinary practices



Administering Buprenorphine at 0.5 mg/mL Concentration

Learn how to accurately calculate the correct volume of buprenorphine with a concentration of 0.5 mg/mL

Key Concept: 0.5 mg/mL means that every 1 mL of solution contains 0.5 mg of the drug

Dosage Formula:

$$\frac{\text{Dose Prescribed (mg)}}{\text{Concentration (mg/mL)}} = \text{Volume to Administer (mL)}$$

Always double-check math and units.
Ask questions if unsure—patient safety comes first.

Example Calculation:

Prescription: Administer 1 mg of Buprenorphine

$$\frac{1 \text{ mg}}{0.5 \text{ mg/mL}}$$

Volume to administer (mL) = 2 mL
Draw up 2 mL to deliver a 1 mg dose