

Pharmacologic properties:

Decreases ventricular automaticity and raises the ventricular fibrillation threshold.

Indications:

- PVC's closely coupled (R on T).
- Multiformed PVC's in configuration.
- PVC's occurring in short bursts of two or more in succession.
- Ventricular tachycardia.

Contraindications:

- Lidocaine is contraindicated in second-degree heart block, Mobitz II; complete AV block; and Stokes-Adams syndrome. If PVC's occur in conjunction with sinus bradycardia, the bradycardia should be treated first.

Precautions:

- Lidocaine is metabolized in the liver. In patients with liver disease and low cardiac output states, e.g., acute MI, shock, congestive heart failure; patients older than 70 years, the drip should be run at 1-2 mg/minute or half the regular rate.

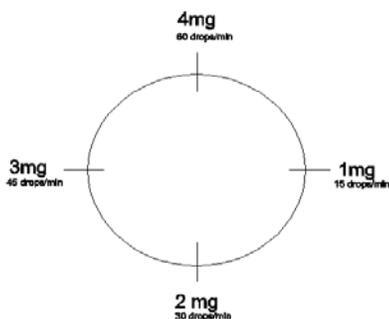
Adverse Reactions:

- Drowsiness, numbness, dizziness, blurred vision, tinnitus, muscle twitching, and seizures.

Dosage and administration:

Adult

- 1mg/kg IV, repeat up to 2 more times every 8-10 minutes if necessary to a total of 3 mg/kg. For infusion mix 2 grams in 500 mL NS and run at 2-4 mg/minute (30-60 drops per minute)



Pediatric

- 1 mg/kg IV. For infusion mix 100 mg lidocaine in 100 mL NS to infuse at a rate of 20-50 mcg/kg/min.