

Kittitas County Prehospital Care Protocols

Subject: LIDOCAINE (XYLOCAINE)

ACTION:

Suppresses ventricular ectopy activity, increases ventricular fibrillation threshold, reduces velocity of electrical impulses through conduction system.

INDICATIONS:

Symptomatic, ventricular tachycardia, ventricular fibrillation.

CONTRAINDICATIONS:

High degree heart blocks, PVC's in conjunction with bradycardia.

PRECAUTIONS:

Dosage should not exceed 300 mg/hour, monitor for CNS toxicity, bolus should be followed by an infusion.

SIDE EFFECTS:

Anxiety, nausea, convulsions, widening of QRS.

DOSAGE:

Bolus: Initial 1 mg/kg IN THE STABLE PATIENT followed by one-half the initial dose every 8-10 minutes, 1.5 mg/kg IN THE UNSTABLE PATIENT, not to exceed 3 mg/kg total dose.

IV Infusion: 2-4 mg/minute (2 grams in 500 mL D5W)

ROUTE:

IV push and IV drip.

PEDIATRIC DOSE:

1 mg/kg

Effective Date: November 26, 1997

Medical Program Director: