

LIDOCAINE (XYLOCAINE®)

<p>THERAPEUTIC EFFECTS</p>	<p>An agent which increases the fibrillation threshold thereby reducing ectopy and the development of ventricular fibrillation as well as reduces the increase in cranial pressure associated with endotracheal intubation. It is also a local anesthetic which may reduce the pain of intraosseous infusion.</p>
<p>INDICATIONS</p>	<ol style="list-style-type: none"> 1. To be used for RSI prior to the use of succinylcholine in head injury patients. 2. Alternative to amiodarone in cardiac arrest from VF/VT. 3. Alternative to amiodarone in the following conditions: <ol style="list-style-type: none"> A. Recurrent hemodynamically unstable ventricular tachycardia B. Stable ventricular tachycardia in consultation with medical control 4. Pain relief for conscious patients who are responsive to pain stimuli during intraosseous infusion of fluid bolus or flush.
<p>CONTRAINDICATIONS</p>	<ul style="list-style-type: none"> ✓ Hypersensitivity to lidocaine ✓ 2nd degree Mobitz II heart block ✓ 3rd degree heart block ✓ Bradycardia (even when associated with wide-complex ventricular escape beats)
<p>PRECAUTIONS/SIDE EFFECTS</p>	<p>High plasma concentration may cause myocardial and circulatory depression, possible CNS symptoms (e.g. seizures). Reduce infusion dose if severe CHF or low cardiac output is compromising hepatic and renal blood flow.</p>

Table continues on next page:

ADULT DOSAGE ROUTE	Indication 1 1 mg/kg IV/IO	Indication 2 1-1.5 mg/kg IV/IO. For refractory may give additional 0.5-0.75 mg/kg IV/IO, repeat in 5-10 min., max 3 doses or total of 3 mg/kg)	Indications 3a,3b 0.5-0.75 mg/kg IV/IO, up to 1-1.5 mg/kg may be used. Repeat q 5-10 min., max total dose of 3 mg/kg	Indication 4 20-40 mg of 2% Lidocaine (preservative free) into EZ IO port prior to the initial bolus or flush
PEDIATRIC DOSAGE ROUTE	Indication 1 1 mg/kg IV/IO.	Indication 2 1 mg/kg IV/IO (max dose 100 mg)	Indications 3a,3b 1 mg/kg IV/IO, once.	Indication 4 0.25-0.5 mg/kg of 2% Lidocaine (preservative free) into EZ IO port prior to the initial bolus or flush