

Michigan **MEDICATION SECTION** LIDOCAINE

Initial Date: 10/25/2017

Revised Date: Section 9-32

Lidocaine

Protocols:

- 1. Adult Cardiac Arrest General (MCA Selection)
- 2. Adult and Pediatric Tachycardia (MCA Selection)
- 3. Vascular Access & IV Fluid Therapy (IO placement)

Indications:

- 1. Alternative to amiodarone in cardiac arrest from VF/VT
- 2. Alternative to amiodarone in pulsatile VT
- 3. As an anesthetic agent when administering medications via intraosseous route

Contraindications:

- 1. Hypersensitivity to lidocaine
- 2. Bradycardia or heart block

Dosing:

- 1. Cardiac Arrest (Adult) 100 mg IV/IO
- 2. Wide complex tachycardia
 - a. Adults: 1 mg/kg

 - 👢 b. Pediatric: 1 mg/kg (only with medical direction) 🔊



- c. May repeat after 5-10 minutes to a maximum of 3 mg/kg
- 3. For conscious patients with pain from IO infusion
 - a. Adults: 20 mg IO
- b. Pediatrics: 0.5 mg/kg, maximum dose 20 mg



Expected Effects:

- 1. Increased VF threshold
- 2. Decreased ventricular irritability
- 3. Decreased pain with infusion

MCA Name: Oakland County MCA Board Approval Date: April 6, 2018 MCA Implementation Date: June 1, 2018 Protocol Source/References:

Page 1 of 1