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## **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