
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