

LIDOCAINE

Protocols: AC 8-VF/Pulseless VT, PC 6-Pediatric VF/Pulseless VT

- **Type of drug:** Antidysrhythmic
- **Mechanism of Action:** Increases electrical stimulation threshold of ventricle, His-Purkinjesystem by affecting sodium channels, which stabilizes cardiac membrane, decreases automaticity
- **Indications:** Ventricular tachycardia, ventricular fibrillation, malignant PVC's
- **Contraindications:** hypersensitivity, heart blocks, supraventricular dysrhythmias, bradycardiawith PVCs, systolic < 90 mmHg systolic
- **Precautions:** hepatic disease, CHF, respiratory depression, elderly
- **Route and Dosage:** IV, 1-1.5 mg/kg, max dose 3 mg/kg; Pediatric 1mg/kg;
- *If rhythm converts/ROSC with HR > 60 BPM, 1-4 mg/min IV / IO Infusion.*
Remove 10ml from50ml bag NS; add 200 mg Lidocaine to 40 ml NS/Use 60 gtt set
- **Adverse reactions and side effects:** heart block, respiratory depression, seizures, hypotension