

Lidocaine

Formulary

Douglas County Kansas EMS System

March 2021

Approved Provider: AEMT, Paramedic

Referenced Protocols: None

Dosing and Administration

ADULT Medications:

- **IO Analgesic:** 40 mg IO
May repeat X1 at half initial dose

PEDIATRIC Medications: Refer to HandTevy

- **IO Analgesic:** 0.5 mg IO
May repeat X1 at half initial dose

Indications:

- Used in analgesia in conscious patients requiring an IO

Contraindications:

- 2nd and 3rd degree heart block
- IVR and AIVR
- WPW syndrome

Administration:

- Acceptable routes of administration include Intraosseous (IO)

Side Effects:

- Large doses of Lidocaine may induce heart block and alter heart conduction
- Excessive doses of Lidocaine can cause neurologic changes (seizures, mental status changes), myocardial depression and circulatory collapse