

Initial Date: 07/19/2023

Revised Date:

Section: 9-36R

## **Naloxone**

**Pharmacological Category:** Antidote; Opioid Antagonist

**Indications for administration:**

1. Known opioid overdose WITH respiratory depression
2. Respiratory depression or arrest of unknown origin (per treatment protocol)

**Precautions:**

1. Rapid IV push may cause agitation.

**Expected effects:**

1. Increased mental status
2. Increased respiratory drive

**Side effects:**

1. Agitation
2. Nausea/vomiting

### **Dosing: OPIOID OVERDOSE TREATMENT AND PREVENTION**

Indication: Decreased level of consciousness associated with respiratory depression from Opioid Overdose

Adults administer:

1. Narcan® Nasal Spray 4 mg in one nostril. May repeat one time in 3-5 minutes in opposite nostril if effective respirations not restored.  
**OR**
2. Naloxone prefilled 2 mg/2 mL IN via Atomizer. Half dose in each nostril. May repeat one time in 3-5 minutes if effective respirations not restored.  
**OR**
3. Naloxone 2 mg IM or slow IV push titrating to improvement in respiratory status. IV naloxone may be repeated as needed every 3-5 minutes.

Pediatrics administer:

1. According to MI MEDIC cards administer naloxone prefilled 2 mg/2 mL IN via atomizer. Half dose each nostril.
2. If MI MEDIC cards are not available administer naloxone prefilled 2 mg/2 mL IN via atomizer. Half dose each nostril.
  - a. Age 36 months/3 years of age or older: 2mL (2 mg)
  - b. Age 19-35 months old: 1.5 mL (1.5 mg)
  - c. Age 3-18 months old: 1 mL (1.0 mg)
  - d. Age 0-2 months old: 0.5 mL (0.5 mg)

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3. According to MI MEDIC cards administer naloxone IM or slow IV push titrating to improvement in respiratory status. IV naloxone may be repeated as needed every 3-5 minutes.
4. If MI MEDIC cards are not available administer Naloxone 0.1 mg/kg IM or slow IV push titrating to improvement in respiratory status. IV naloxone may be repeated as needed every 3-5 minutes

**Dosing: ADULT CARDIAC ARREST**

Indication: Adult cardiac arrest with known or highly suspected opioid overdose

Adults administer:

1. Naloxone 2 mg IV/IO or 2-4 mg IN

Used in the Following Protocols:

Opioid Overdose Treatment and Prevention (Section 1 General Treatment)

General Cardiac Arrest (Section 5 Adult Cardiac)