

El Dorado County Emergency Medical Services



Agency Quick Reference

Revised Date: July 1, 2020

Medication Profile

Naloxone (NarcAN)

Class:

Opioid Antagonist

Action:

Antagonizes opioid effects by competing for the same receptor sites.

Onset: IV/IN 1-minute
IM 5-minutes

Peak: Unknown

Duration: 1-4 hours

Adult Administration:

0.5mg slow IV/IO push over 1 minute, titrated to effect (Max 2mg)
0.5mg IN (Max 1mL per nostril) repeat in 5 minutes if no response
1mg IM if unable to establish IV, repeat in 5 minutes if no response

Prefilled Single Dose Nasal Spray 4mg/0.1mL: Administer full dose in nostril. If partial response in breathing or consciousness, repeat 4mg/0.1mL single dose administration in opposite nostril of first dose.

- If no response to normal doses or if patient is in extremis, administer 2mg IV/IN/IM every 5 minutes until adequate respirations.

Pediatric Administration:

0.1mg/kg IV/IO/IN/IM titrated to effect (Max 2mg). May repeat initial dose if no response within 5 minutes.

Contact base before administration in neonates.

NEONATE: 0.05-0.1mg/kg (Max 2mg) IV/IN/IO/IM only. May repeat initial dose dose if nor response within 5 minutes.

Indications:

Altered level of consciousness/
respiratory depression with suspected
opioid OD

Contraindications:

Hypersensitivity/allergy

Side Effects:

GI: Nausea, vomiting
CV: Hypertension, tachycardia
CNS: Tremor, N/V, diaphoresis, withdrawal (opiate)

Pregnancy:

Category B

Notes:

- Shorter duration of action than many opioids – repeated doses may be necessary.
- Monitor patient closely on long transports.
- Precipitates withdrawal in addicts (nausea, vomiting, sweating, tachycardia, increased BP, tremulousness).