

Naloxone Hydrochloride

GENERIC NAME

Naloxone Hydrochloride

TRADE NAME

Narcan

DESCRIPTION

Naloxone is used to reverse the effects of narcotic overdose, including respiratory depression caused by both natural and synthetic narcotic analgesics.

HOW SUPPLIED

Prefilled syringe: 2 mg / 2 mL

INDICATIONS

- Complete or partial reversal of central nervous system depression, especially in cases of respiratory depression caused by narcotics and synthetic narcotic analgesics

CONTRAINDICATIONS

- Allergy or hypersensitivity to Naloxone
- Patients who have been intubated

MECHANISM OF ACTION

Naloxone reverses the effects of natural and synthetic narcotic agents, including respiratory depression, by competitively binding to opioid receptors in the central nervous system.

SIDE EFFECTS

- Flushing
- Nausea
- Vomiting

- Can induce rapid withdrawal symptoms in patients dependent on narcotics (use cautiously and only when respiratory depression is present)
- IM administration has a longer onset of action compared to IV administration

AUTHORIZATION

EMT: Standing order (first dose only, IM/IN only)

AEMT: Standing order (first dose only, IM/IN only)

Paramedic: Standing order

DOSAGE

Patient Type	Route	Dosage
Adult	IV/IO/IM/IN	0.5 mg increments, titrate to respiratory sufficiency
Pediatric	IV/IO/IM/IN	0.1 mg/kg, max 2 mg per dose; may repeat every 2 minutes, up to a total of 4 doses

Administration Notes:

- Titrate doses to achieve adequate respiratory effort, rather than complete reversal of sedation.
- Use cautiously in patients who are opioid-dependent, as it may precipitate acute withdrawal symptoms.
- If given via the IM route, the onset of action may be delayed compared to IV administration.

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