

<b>TITLE:</b>	<b>Document Title:</b> Opioid Overdose in the Emergency Department		
<b>NUMBER:</b>	Reference #	<b>OWNER:</b>	Dr. Jonathan Schimmel
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### **How long should patients be monitored?**

Monitor  $\geq 1$  hour (since EMS or ED arrival): short-acting opioid used, naloxone was not administered.

Monitor  $\geq 2$  hours (since naloxone): daytime setting and the patient is with a companion.

Monitor  $\geq 3$  hours (since naloxone): overnight setting, or the patient is not with a companion, or a long-acting opioid was used, or patient has sleep apnea or significant cardiopulmonary disease.

*Discharged patients should also meet the following criteria: at baseline mobility, GCS 15, SpO<sub>2</sub>  $\geq 93\%$  on room air, RR 10-20.*

### **Which ED area should patients be monitored in?**

There is no specifically designated area. Care in the Resuscitation zone is not routinely indicated after pre-hospital naloxone unless active respiratory depression, a naloxone infusion, or other concerns warrant care in the Resuscitation zone.

Patients should be re-assessed for recurring opioid toxicity. Naloxone's effect duration is approximately 30-90 min (varies by route/dose). Be cautious if long-acting opioid overdose suspected (eg methadone, OxyContin), concomitant sedative exposure (eg alcohol), or underlying sleep apnea or cardiopulmonary disease.

### **What is an appropriate naloxone dose?**

Efforts should be made to use the lowest effective dose. Consider a slow IV push of 0.04 mg/minute, with simultaneous use of a Bag Valve Mask as needed. The goal is reversal of respiratory depression; targeting full reversal (eg administration for lethargy without respiratory depression) risks precipitated opioid withdrawal and is not routinely recommended.

Most patients respond by 0.4-0.8 mg IV, or less. Consider alternate diagnoses if there is no response at 2-4 mg, based on clinician judgement.

If opioid toxicity recurs after a naloxone bolus, consider re-bolusing then starting a naloxone infusion at 2/3 the total bolus dose per hour.

### **Do patients routinely require 1:1 observation?**

No, unless there is concern for suicidal ideation or other indications. All patients should be screened for suicidal ideation.

### **Are patients permitted to leave prior to the recommended monitoring duration?**

After naloxone, patients should be encouraged to remain for the duration of monitoring. Capacity and patient understanding of risks should be documented. The treating clinician can choose a regular or Against Medical Advice discharge based on their assessment.