

## General Anticipated Timing of Symptoms by Varied Opioid and 2 Common Non-opioid Exposures\*

Drug	Symptom Onset	Peak in Symptoms	Start to Improve
<b>Opioids</b>			
<b>Short-acting opioids**</b>	<b>1<sup>st</sup> 24 hr</b>	<b>~36 hr</b>	<b>~48 hr</b>
<b>Heroin</b>	<b>24-48 hr</b>	<b>~36 hr</b>	<b>~48 hr</b>
<b>Methadone</b>	<b>48-72 hr</b>	<b>Day 3-4</b>	<b>Day 4-5</b>
<b>Buprenorphine</b>	<b>36-60 hr</b>	<b>Day 3-4</b>	<b>Day 4-5</b>
<b>Non-opioids</b>			
<b>Nicotine</b>	<b>1st 24 hr</b>	<b>~24-48 hr</b>	<b>48 hr</b>
<b>SSRIs</b>	<b>24-48 hr</b>	<b>~48 hr</b>	<b>48-72 hr</b>

\* Timings are recommended for use in standardized ESC Care Tool training cases to guide IRR testing in some training cases, teaching indicates that nicotine or SSRI effects are likely to resolve in 3 days. If you are unsure regarding timing of co-exposures, indicate "Unsure" on the ESC Care Tool.

\*\* Short-acting opioids can include, but are not limited to, codeine, fentanyl, hydrocodone, morphine, and oxycodone.

## Withdrawal Symptoms

<b>CNS Hyperexcitability</b> 	<b>Autonomic Dysregulation</b> 	<b>Gastrointestinal Disturbances</b> 
<b>High-pitched or continuous crying / excessive irritability*</b>	Fever*	<b>Excessive sucking</b>
<b>Decreased sleep</b>	<b>Sweating</b>	<b>Poor / disorganized feeding</b>
<b>Hyperactive moro reflex</b>	<b>Nasal stuffiness</b>	<b>Regurgitation or projective vomiting*</b>
<b>Undisturbed tremors</b>	<b>Sneezing</b>	<b>Loose or watery stools</b>
<b>Increased muscle tone</b>	<b>Tachypnea*</b>	
Myoclonic jerks	<div style="border: 1px solid black; padding: 5px;">                     Hyperactive moro + undisturbed tremors + increased tone are 3 items that have been found to discriminate b/w opioid and non-opioid exposed infants                      - Jones <i>et al. J Opioid Manag.</i> 2010.                 </div>	
Seizures*		

**Bolded items** = those found in “short forms” to be correlated to withdrawal symptoms (*though does not necessarily mean opioid withdrawal*)

\* **Items:** Perform careful history, exam, and labs/imaging as needed to r/o other etiologies