



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

Just like other opioids, heroin binds to the **opioid receptors** in the brain and body that send a rush of **dopamine** and extreme happiness through your body. However, there are many negative health effects. And if the dose is too strong, it can cause you to stop breathing, resulting in death.

## Short Term Effects

- Confusion or clouded thinking
- Dry mouth
- Nausea & vomiting
- Severe Itching
- Slowed or stopped breathing

## Long Term Effects

- Insomnia
- Heart infections
- Liver & Kidney disease
- Collapsed veins (from injecting drugs)
- Depression
- Addiction



# PREVIEW

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More than 65% of teens think that using heroin even once or twice can result in great harm. That means the rest — about 35% — don't fully understand the risks.<sup>1</sup>



<sup>1</sup> Center for Behavioral Health Statistics & Quality. 2016 National Survey on Drug Use & Health. www.samhsa.gov. September 2017



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How does **heroin** affect the brain? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Short Term Effects:

Long Term Effects:

• \_\_\_\_\_  
• \_\_\_\_\_  
• \_\_\_\_\_  
• \_\_\_\_\_  
• \_\_\_\_\_  
• \_\_\_\_\_

**PREVIEW**

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What are the increased risks of using opioids? \_\_\_\_\_

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\_\_\_\_\_  
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