



HOW LONG DOES METH STAY IN YOUR SYSTEM?

Methamphetamine is commonly called as meth, speed, or chalk is an intense synthetic central nervous system stimulant that creates a fast, euphoric high which soon diminishes, causing a crash that motivates the user to seek more. Below infographic visually demonstrates the impact of using Meth on the central nervous system.



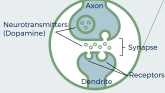
NERVE RECEPTORS

What does Meth do to your brain?

1. Dopamine

Methamphetamine Tricks the brain neurons to release lots of dopamine (Pleasure neurotransmitter)

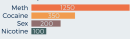
2. Dopamine Release



3. Dopamine effects

Increase activity, loss in appetite, irritable feeling and aggressiveness. Lose pleasure for once pleasurable things

4. Dopamine Release Comparison(Units)



There are many different neurotransmitters, but the one that is most affected by Methamphetamine is dopamine. Dopamine is sometimes called the pleasure neurotransmitter because it helps you feel good from things like playing soccer, eating a big piece of chocolate cake, or riding a roller coaster. When something pleasurable happens, certain axons release lots of dopamine. The dopamine attaches to receptors on dendrites of neighboring neurons and passes on the pleasure message.



ANATOMY AFFECTED

What are the long-term effects of Meth abuse?

The effects of meth last for around **8-24 hours**

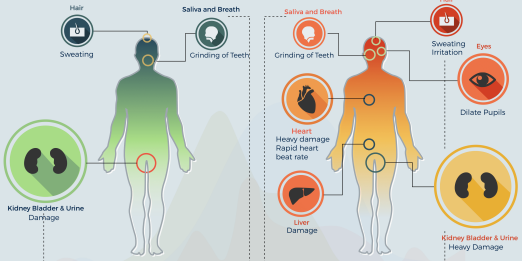
The effects of meth last for **Prolonged periods**

MODERATE USER

A Moderate or Average user is for the purpose of this infographic defined as someone who uses Meth, 1-2 times a week.

HEAVY USER

A Heavy or Addicted user is for the purpose of this infographic defined as someone who uses Meth, multiple times a week.



TESTING METHODS

Urine

Urine Container

Saliva

Saliva Swab

Hair

1- 1/2 Inch of Hair

The effects of meth last for around 8-24 hours, depending on how much is taken, how well the kidneys and liver function, and the individual user's body chemistry. It has a plasma half-life of 12-34 hours. This means that it takes 12-34 hours for the amount of meth in a person's blood to be reduced by half.

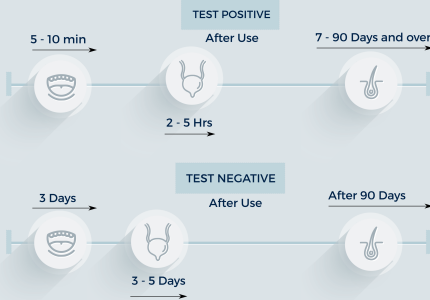


TIMELINE OF TESTING METHODS

How long does Meth stays in your system?

FACTORS INVOLVED

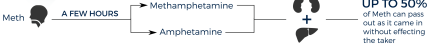
1. How often you use meth. 2. Your dose at last use. 3. Functionality of your kidneys and liver. 4. The type of test used



N.B. All time frames are estimates and are intending as a guide



METABOLIZING METH



Plasma half-life = 12-34 hours. This means that by 12-34 hours, the concentration of meth in your blood will be reduced in half.

Time to leave the body = 2-10 days. Generally, the heavier the user, the longer it will take for meth to leave the body.

Effects of meth use = 8-24 hours.

REFERENCES

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