

The Dangerous Truth About THC Infused Drinks

HOW IT WORKS:

1. THC Is Naturally Fat-Soluble:

- In its natural form, THC binds to fat, making it poorly soluble in water.
- This is why traditional edibles (like gummies or brownies) take longer to kick in, as the THC must be digested and processed through the liver.

2. Nanoparticle Technology:

- Manufacturers break down THC molecules into nanoparticles, reducing them to around 20-50 nanometers in size. For context: A human hair is about 80,000 to 100,000 nanometers in diameter.
- These nanoparticles are thousands of times smaller than a hair, making them easily dispersed in water.
- This allows the THC to mix seamlessly into beverages, making it water compatible.

3. Increased Bioavailability:

- The smaller particle size allows THC to bypass the digestive process and enter the bloodstream more quickly through the stomach lining.
- This leads to a faster and stronger high compared to traditional edibles.
- Users can feel effects in 10-15 minutes rather than the typical 30-90 minutes with regular edibles.
- The THC is also more potent because more of it is absorbed rather than lost during digestion.

When THC is infused into drinks, manufacturers often use nanotechnology to create THC nanoparticles. This process makes the THC water-soluble and significantly increases its bioavailability, meaning the body absorbs it faster and more efficiently.

Why This Matters for Addiction Risk:

• Faster Onset, Stronger Effects:

- The rapid absorption and heightened potency can lead to overconsumption, as users may not realize how much they've ingested.

• Increased Consumption Patterns:

- Because the effects are quicker and more intense, users may be more inclined to consume repeatedly, potentially increasing the risk of dependence and addiction.

• Enhanced Delivery Equals Greater Impact:

- The improved bioavailability makes lower doses feel stronger, making products more addictive and potentially more dangerous, especially for inexperienced users.

Key Takeaway: THC nanoparticles in beverages make the drug more bioavailable, fast-acting, and potent, increasing the risk of overuse and addiction. This technology allows THC to hit the bloodstream rapidly, creating stronger and quicker psychoactive effects, which is why these drinks are particularly concerning from a public health and safety perspective.

Why is This Important? THC nanoparticles bypass digestion and enter the bloodstream quicker through the stomach lining, producing a faster, stronger high. Users feel effects in 10-15 minutes, compared to 30-90 minutes with regular edibles, and absorb more THC, making it more potent.

Why This Matters for Addiction Risk? Faster absorption/stronger effects = overconsumption/ repeated use = dependence and addiction. The enhanced potency makes even low doses more addictive, especially for inexperienced users.

If you are concerned about your child's use of THC beverages, speak with your child's doctor, therapist, or treatment center.

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