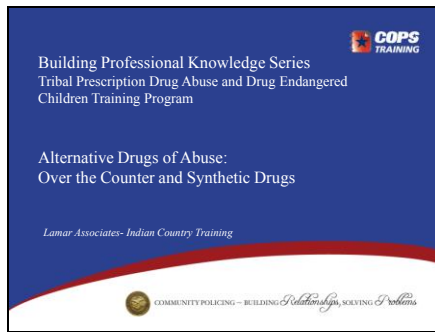
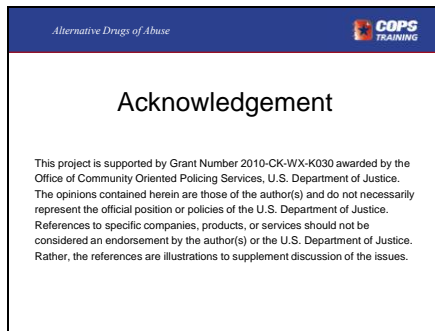


Slide 1

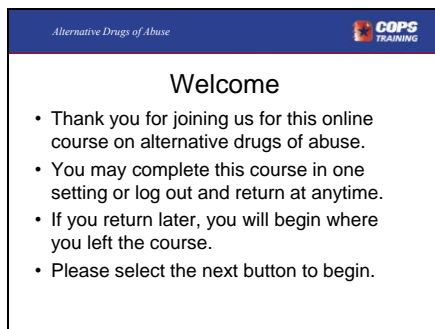


Alternative Drugs of Abuse: Over the counter and synthetic drugs


Slide 2



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Alternative Drugs of Abuse 

Introduction

Welcome to the building professional knowledge series focusing on alternative drugs of abuse such as over the counter and synthetic drugs.

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Alternative Drugs of Abuse 

Training Goal

Our goal for this course is to support service professionals in their capacity to recognize and understand the dangers of alternative drugs of abuse.

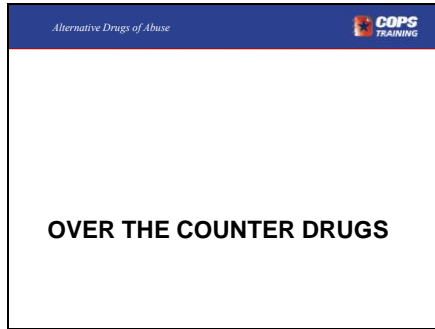
Slide 6

Alternative Drugs of Abuse 

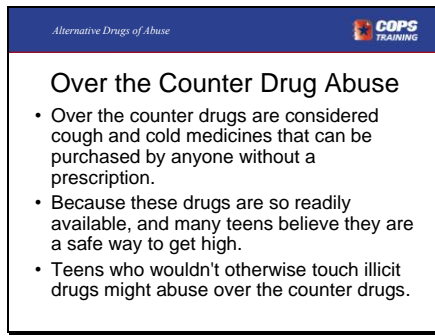
Training Objectives

- At the completion of this course you will be able to:
 - Define Over-The-Counter Drugs of Abuse
 - Identify the signs and symptoms of abuse
 - Identify the methods of abuse
 - Identify the types of synthetic drugs of abuse
 - Identify available education and prevention resources.

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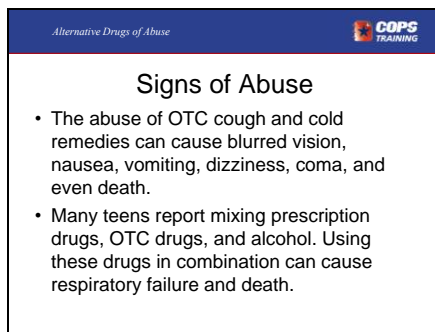
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Over the counter drugs are considered cough and cold medicines that can be purchased by anyone without a prescription.

The abuse of over the counter drugs can be cough and cold remedies. Because these drugs are so readily available, and many teens believe they are a safe way to get high, teens who wouldn't otherwise touch illicit drugs might abuse prescription or over the counter drugs.


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The abuse of OTC cough and cold remedies can cause blurred vision, nausea, vomiting, dizziness, coma, and even death.

Many teens report mixing prescription drugs, OTC drugs, and alcohol. Using these drugs in combination can cause respiratory failure and death.

Slide 10


Alternative Drugs of Abuse 

- A common mistake is to think prescription drugs are more powerful than over-the-counter (OTC) medications.
- For example, dextromethorphan (DXM) is found in some OTC cough medicines.




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Alternative Drugs of Abuse 

How are youth abusing over the counter medication?

- Cough medications are abused in either pill or cough syrup form.
- One example is cough medications are mixed with candy called "skittling" and ingested in high doses undetected.



Youth are abusing over the counter medication either pill or cough syrup form. One example is cough medications are mixed with candy and ingested in high doses undetected in schools called "skittling"

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Alternative Drugs of Abuse 

Perceived Risks

Perceived Risks

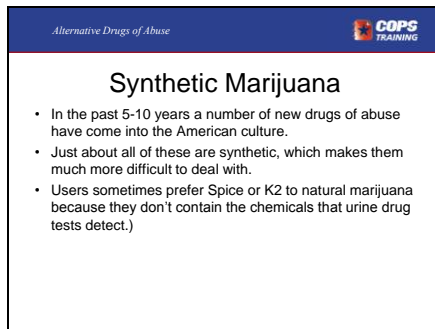
- Less Risky
 - Easier to Obtain than Street Drugs
- Sanitized - Manufactured
- Sanctioned – Physician/Pharmacy
- Safe – Approved

Perceived Risks
Less Risky
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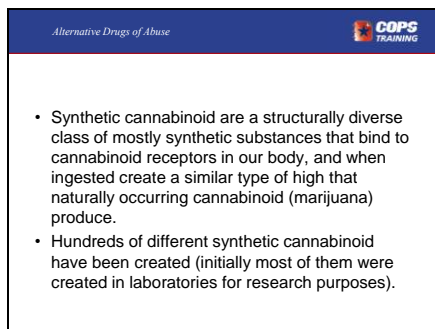


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In the past 5-10 years a number of new drugs of abuse have come into the American culture. Just about all of these are synthetic, which makes them much more difficult to deal with. Users sometimes prefer Spice or K2 to natural marijuana because they don't contain the chemicals that urine drug tests detect.)


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Synthetic cannabinoid are a structurally diverse class of mostly synthetic substances that bind to cannabinoid receptors in our body, and when ingested create a similar type of high that naturally occurring cannabinoid (marijuana) produce.

Hundreds of different synthetic cannabinoid have been created (initially most of them were created in laboratories for research purposes).

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Alternative Drugs of Abuse 

- The first synthetic marijuana became available in 2004 under the brand name of "Spice".
- Since then, 100s of other brands (some with the same chemical structure and others with different chemical structures) have come into the market.
- These drugs are usually laced on herbal-plant material and then smoked, and hence referred to by many as "herbal incense".

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Alternative Drugs of Abuse 

Brand Names


- K2
- Spice
- Chronic Spice
- Gold
- Spice Silver
- Stinger
- Mr. Nice Guy
- K3, K3 Legal
- Yucatan Fire
- Skunk
- Pulse
- Black Mamba
- Mystery
- Red X Dawn
- Zohai
- Spicylicious
- Earthquake or Genie

Brand Names: Some of the brand names have included: K2, Spice, Chronic Spice, Spice Gold, Spice Silver, Stinger, Yucatan Fire, Skunk, Pulse, Black Mamba, Mystery, Red X Dawn, Zohai, Mr. Nice Guy, Spicylicious, K3, K3 Legal, Earthquake, or Genie. But there are many others and many new brand names are popping up all the time.

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Alternative Drugs of Abuse 


Although there are quite a few chemicals on the market that fit the class of "synthetic marijuana", the majority of the market consisted of 5 major drugs:

1. JWH-018
2. JWH-073
3. JWH-200
4. CP-47,497
5. Cannabicyclohexanol

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Alternative Drugs of Abuse 

Legal Status

- On March 1, 2011, under emergency order, the DEA placed the 5 substances into Schedule I of the Controlled Substance Act, meaning that the manufacture, distribution, dispensation, possession, importation; or exportation of these 5 substances is illegal in the United States unless under specific order of the DEA for research purposes.
- At this time there is no medically approved use for these substances.

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Alternative Drugs of Abuse 


Toxicity


- There is no human research data available
- The laboratory research indicates that the potency of these herbal incense compounds varies from anywhere from 10 to over 100 times that of natural marijuana.
- May lead to a stronger psychological addiction.
- An increased occurrence of hallucinations, agitation, abnormal heart rates and elevated blood pressure.

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Alternative Drugs of Abuse 




BATH SALTS

MDPV and Mephedrone: Synthetic Stimulants

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MDPV and Mephedrone: Synthetic Stimulants

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Alternative Drugs of Abuse 

Two very potent stimulants that are currently being used include:

- MDPV (Bath Salts)
- Mephedrone.

Two very potent stimulants that are currently being used include MDPV (Bath Salts) and Mephedrone.

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Alternative Drugs of Abuse 

- The chemicals, mephedrone and MDPV, cause dangerous side effects that include severe hallucinations.
- One user committed suicide while on the drug.
- Others have inflicted serious harm on themselves and others

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Alternative Drugs of Abuse 

MDPV


- It is also known as Cloud 9, Ivory Wave, Ocean, Charge Plus, White Lightning, Scarface, Hurricane Charlie, Red Dove, and White Dove.

MDPV:
It is also known as Cloud 9, Ivory Wave, Ocean, Charge Plus, White Lightning, Scarface, Hurricane Charlie, Red Dove, and White Dove.

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Alternative Drugs of Abuse 


MEPHEDRONE

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Alternative Drugs of Abuse 

Mephedrone

Mephedrone is also a synthetic stimulant reportedly manufactured in China.




It is also known as meph, drone, MCAT and meow meow



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Alternative Drugs of Abuse 

Legal Status

- MDPV and Mephedrone are not approved for use, or consumption in the US, but they are not illegal in the US.
- They can frequently be purchased on the Internet.
- Some states have made these substances illegal

Slide 30

Alternative Drugs of Abuse 


Toxicity

- MDPV & Mephedrone both affect the human body in a manner similar to amphetamines and cocaine (as stimulants); yet they are man-made with very different chemical structures.
- These 2 substances appear to be quite potent stimulants; and, early data suggests that they have a much higher incidence of toxic events compared to the other stimulants, especially with respect to cardiac events.

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Alternative Drugs of Abuse 


Here's some important advice:

- ✘ Be familiar with the signs of abuse
- ✘ Home Inventory: Take inventory in your own home.
- ✘ Lock up medications or put them in a safe place where your kids or their friends can't access them.

Here is some important advise:

Be familiar with the signs of abuse
Home Inventory: Take inventory in your own home and other homes children have access to. Lock up medications or put them in a safe place where your kids or their friends can't access them.

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Alternative Drugs of Abuse 

PARENTS

- Parent – Teen Discussions about Drugs
- Only 1 in 5 (20%) teens report that their parents have **never talked** to them about alcohol or illegal drugs
- Half of teens (51%) say their parents have **never talked** to them about prescription drug abuse

Fifth, it is important that this information is shared with your family and friends. Parents play a vital role. Only 1 in 5 (20%) teens report that their parents have **never talked** to them about alcohol or illegal drugs. Half of teens (51%) say their parents have **never talked** to them about prescription drug abuse

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Alternative Drugs of Abuse 

- **Educate** parents about medications kids are abusing
- Encourage **communication** with kids about the risks

Finally these tips can decrease the potential for abuse: **Educate** parents about medications kids are abusing

Encourage **communication** with kids about the risks

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Alternative Drugs of Abuse

COPS TRAINING

PUBLIC AWARENESS & EDUCATION

- www.drugfree.org
- www.NotInMyHouse.com
- www.painfullyobvious.com

The following websites are a good resource for prevention and education materials for both family and children. **PUBLIC PARENT AWARENESS & EDUCATION**

www.drugfree.org

www.NotInMyHouse.com

www.painfullyobvious.com

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Drug Abuse and Substance Abuse Information | Partnership for a Drug-Free America | The Network | Windows Internet Explorer

Search

Need Help? Get Help! Drug prevention, drug abuse, drug treatment, drug information and more. Drug free.org provides an array of services, programs, and more.

HOME ABOUT NEWS PROGRAMS DRUG RISKS AFFILIATES DONATE

1 IN 6 TEENS ABUSE PRESCRIPTION DRUGS. IS YOUR CHILD THE ONE?

LEARN MORE

FOR PARENTS
How to keep your kids safe

FOR TEENS
Ask questions. Find answers.

INTERVENTION & TREATMENT
Get help when you're struggling.

MEMORIALS
The Partnership remembers.

NOTINMYHOUSE
It's not just a name. It's a message. Find out why it's important for teens and parents to know about prescription drug abuse. [Learn more.](#)

Taking to our fight against the abuse of drugs and alcohol. [Learn more.](#)

Prescription drug abuse is a growing problem. [Learn more.](#)

Looking for facts and... [Learn more.](#)

Event: May 2, 2008

News & updates [Subscribe](#)

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Prescription Drug Abuse: Not In My House


NOTINMYHOUSE WHAT YOU CAN DO TALK TO YOUR DOCTOR WHAT TO DO IF YOU SEE A PROBLEM

Every day, 2.5 million Americans with a prescription drug to get high on the internet. They're purchasing their drugs in the comfort of their homes. It can be as easy as opening a cupboard, drawer, or medicine cabinet. The good news: There are steps you can take to help protect your kids from prescription drug abuse. **NotInMyHouse.org** is the place to go. This site, created by NotInMyHouse and The Partnership for a Drug-Free America, shows you how.

THE NEWS ROOM
NotInMyHouse.org is a leading national resource for parents and teens. It provides information on prescription drug abuse, including how to recognize signs of drug abuse, how to talk to your doctor, and how to get help. [Learn more.](#)

There are many ways to get help. [Learn more.](#)

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Alternative Drugs of Abuse 

Conclusion

- By becoming more informed you have completed an important step in awareness and prevention.

Conclusion

Becoming more informed you have completed an important step in awareness and prevention. Please complete the post-course quiz to demonstrate your comprehension of alternative drugs of abuse.