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Background... Why Are We Here?

Emerging Drugs & Safety Risks

7 Classes of Drugs

- Physicians have long recognized that different types of drugs affect people differently. Nonetheless, drugs may be categorized or classified according to certain shared symptomatologies or effects.
- DREs classify drugs in one of seven categories: central nervous system (CNS) depressants, CNS stimulants, hallucinogens, dissociative anesthetics, narcotic analgesics, inhalants, and cannabis.
- Drugs from each of these categories can affect a person's central nervous system and impair a person's normal faculties, including a person's ability to safely operate a motor vehicle.

Central Nervous System (CNS) Depressants

- (1) Central Nervous System (CNS) Depressants
- CNS depressants slow down the operations of the brain and the body. Examples of CNS depressants include alcohol, barbiturates, anti-anxiety tranquilizers (e.g., Valium, Librium, Xanax, Prozac, and Thorazine), GHB (gamma hydroxybutyrate), Rohypnol, and many other anti-depressants (e.g., Zoloft, Paxil).

Narcotic Analgesics

- (5) Narcotic Analgesics
- Narcotic analgesics relieve pain, induce euphoria, and create mood changes in the user. Examples of narcotic analgesics include opium, codeine, heroin, demerol, darvon, morphine, methadone, Vicodin, and oxycontin.

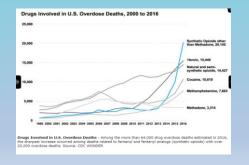
United States Opioid Epidemic

Question

- What do the musician known as "Prince", a teenager, a service member, a mother with an unborn child, a business owner and a celebrity all have in common with **64,000** others in the United States?
- They all died from Opioid Overdoses in 2016.
- **20,000** deaths from Synthetic Opioids i.e. Fentanyl.



64,000 Drug Overdose Deaths for 2016 with 20,000 from Synthetic Opioids (estimated)



Opioid Epidemic in United States

- <u>7 people currently die every hour</u> from opioid overdoses in the United States
- 168 people per day
- 64,000 estimated Overdose deaths from Opioids in the United States in year 2016.
- 20,000 of the 64,000 estimated deaths were from synthetic opioids (Fentanyl and analogs)

To Put it in Perspective

- Drug overdoses are the number one cause of death for people under age 50 in the USA
- Fastest increase in death toll in U.S. History
- More are dying from drug overdoses than the numbers at the peak of the Aids epidemic, peak of car crash deaths and the peak of gun violence deaths
- More are dying <u>every year</u> than the total number of deaths from the Vietnam war

Synthetic Opioids

Fentanyl

- 100 times more potent than morphine
- 30 to 50 times more potent than heroin
- Used for Severe Pain Schedule II Narcotic
- Pharmacy and Hospital Use
- Illicit Use by Mexican Drug Cartels
 Manufacturing Fentanyl and smuggled into USA
- Foreign Countries supplying pre-cursor Chemicals

How Fentanyl Can Enter Body

- Intravenous (IV) is the fastest and most effective way
- Inhaled/Snorted
- Ingestion (orally)
- Nasal Spray
- Sublingual Spray
- Sublingual Tablets
- Buccal Tablets

- Transdermally (Through the skin)
 - This is a unique concern with fentanyl



Fatal Dose of Fentanyl

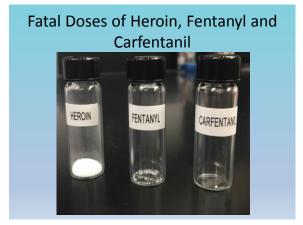
- 2-3 milligrams of fentanyl can induce respiratory depression, arrest and possibly death
- Overdose symptoms can include:

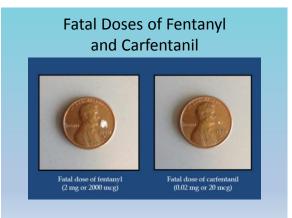
Source: Fentanyl: A Briefing Guide for First Responders, U.S. Department of Justice, Drug Enforce

 drowsiness, disorientation, sedation, pinpoint pupils, skin rash, clammy skin, and respiratory depression or arrest.

Carfentanil

- Carfentanil, which is structurally related to fentanyl, is up to 10,000 times more potent than morphine.
- The toxic dose of carfentanil in humans is unknown. Regardless, any substance suspected to contain fentanyl should be treated with extreme caution as exposure to a small amount can lead to significant health-related complications, or death.



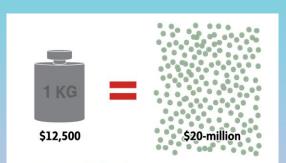


Narcan – Naloxone Can Reverse an Opioid Overdose up despite San Diego County

paramedics used 20% more Narcan this year than in 2016

requires more Narcan than heroin OD

Why Fentanyl & Synthetic Opioids?



Bootleg fentanyl is highly lucrative

NASAL SPRAY4 mg

The math works like this, according to Edmonton physician Hakique Virani: A kilogram of pure fentanyl powder costs \$12,500. A kilo is enough to make 1,000,000 tablets. Each tab sells for \$20 in major citles, for total proceeds of \$20-million. In smaller markets, the street price is as high as \$80.

One Weekend of Seizures at the California Points of Entry with Mexico

- From Friday, September 15 through Sunday, September 17, 2017
- Drugs confiscated:
- 200 pounds of methamphetamine
- 160 pounds of cocaine
- 75 pounds of fentanyl
- Almost seven pounds of heroin.

Tablet Presses





eBay Auction for Xanax Pill Press Die Mold



Xanax "Candy" Die Stamp







Fentanyl and Analogs in Counterfeit RX Pills, Tablets, etc.

- Potentially lethal, even at very low levels as small as 0.25 mg
- Found as a Powder, Pills, Tablets, Capsules & in Street Drugs
- Has Been Found in FAKE/Counterfeit Prescription Medications!
- Recent Overdose Deaths in California!



DEA Public Safety Alert (4-1-2016)



Counterfeit Prescription Pills



Counterfeit Tablets with Fentanyl

Counterfeit Tablets with Fentanyl

Pharmaceuticals - Clandestine Counterfeits

 Xanax Roxicodone Hydrocodone Tableting Machines



 Punch/Dies - Trademarked Punch Dies are Contraband



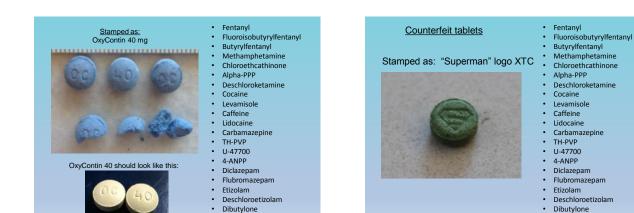


Furanyl Fentanyl



Butyryl Fentanyl







Forensic scientist Terry Baisz at the Orange County Sheriff's Department's crime lab shows pills that appear to be other pharmaceutical drugs but are actually fentanul.



RECOGNIZING AN OPIOID OVERDOSE

 During an overdose, opiates overwhelm certain receptors in the brain, interrupting a key part of the body's impulse to breathe. Breathing slows dangerously or stops. Reversing this process quickly is crucial because without breathing and oxygen, brain damage or death can occur. Quickly recognizing the signs of an opioid overdose and acting appropriately could make all the difference.

Overdose Signs Include

- Disorientation
- Clammy Skin
- Will not wake up or respond to your voice or touch
- Breathing is very slow, irregular or has stopped from respiratory depression or arrest
- Center part of their eye is very small sometimes called "pinpoint pupils"
- Fingernails and lips turning blue or purple
- Slow heartbeat and/or low blood pressure
- Not all of these signs may be present. If you suspect an opioid overdose, get emergency medical assistance right away.
- Call 911

Narcan – Naloxone Can Reverse an Opioid Overdose

OD numbers up despite increased Narcan use



San Diego County paramedics used 20% more Narcan this year than in 2016

Fentanyl overdoses requires more Narcan than heroin OD

Active Duty U.S. Navy Service Member Death

- Found deceased at home.
- Bottle labeled "Alprazolam" (Prescription drug, trade name Xanax), a potent, shortacting tranquilizer for anxiety disorders)
- Bottle contained six counterfeit prescription pills "M-30" blue Tablets.
- Pill crusher with a blue residue on it.
- Toxicology Report Fentanyl + Other Drugs



- August 2017
- 24 y/o male
- Active duty Navy
- Found in chair at home
 - Blood:
 - Fentanyl -- 16 ng/mL
 - MDMA -- 0.06 mg/L
 - MDA -- (<0.01 mg/L)
 - Mitragynine -- 0.15 mg/L
 - Fluoxetine -- 0.13 mg/L
 - Alprazolam -- (<0.05 mg/L)
 - Nordiazepam -- (<0.05 mg/L)

<u>Cause of Death</u>: Fentanyl, Mitragynine, Alprazolam, Nordiazepam, and MDMA toxicity

Evidence at scene:

- 6 Blue pills (M/30)
- <u>Stamped as: Oxycodone 30 mg</u>
- Actually contained:
 - Fentanyl
 - Acetaminophen
 - Dipyrone
- Pill crusher w/ blue residue

Cause of Death: Fentanyl, Mitragynine, Alprazolam, Nordiazepam, and MDMA toxicity

Vista 3 Overdose Deaths from Fentanyl



Counterfeit Prescription Pill with 20 Different Ingredients



18 Year Old and 19 Year Old Dead from Separate Fentanyl Overdoses

Childhood friends die of fentanyl overdoses on same day, half-mile apart

LAWRENCEVILLE, Georgia - Twenty seconds is all it took to kill 19-year-old Dustin

ents, Greg and Lisa Manning, said the toxicology re taken a toxic mix of heroin and fentanyl, a synthetic opioid so powerful it's often fatal. "The amount of fentanyl in his body was the equivalent to three grains of salt. That's all it took to kill a 180-pound guy," said Greg Manning.

Dustin died on Friday, May 26th, in Lawrenceville, a suburb on the outskirts of Atla At 6:09 a.m., paramedics were called to a home with reports of an unresponsive teenage

"I had told him I'd get him up early for work, and I came up around 5:45 to wake him and when I opened the door, he looked like he was tying his shoes. Very quickly I rea grabbed him and he was cold," said Greg Manning.

10-Year-Old Boy **Fentanyl Death**

10-year-old Miami boy dies after suspected skin contact with fentanyl 0



CN Health + Diet + Fi

Significant Threat to **First Responders**

- Due to their hazardous nature, fentanyl and fentanyl-related substances pose a significant threat to law enforcement personnel and to other first responders, including fire and emergency medical personnel.
- Fentanyl-related substances have been identified in Powder, Pill, Capsule, Liquid (and on) Blotter Paper

e: Fentanyl: A Briefing Guide for First Responders, U.S. Department of Justice, Drug Enforcement Administ

Law Enforcement & First **Responders Safety Considerations**



San Diego Police Department Also Stopped Field Testing For Drugs



Fentanyl Powder on Officer's Shirt Brushed Off with Hand = Overdose

Police officer suffers fentanyl overdose from drug call

EAST LIVERPOOL, Ohio (WKBN) - An Ohio police officer accidentally touched Fentanyl and overdosed while responding to a drug-involved call Friday night.

Friday around 8:50 p.m., East Liverpool patrolman Chris Green responded to a traffic stop. According to a police report, East Liverpool police had blocked in a blue Monte Carlo after watching the driver - 25-year-old Justin Buckle - perform what they believed was a drug transaction.

"We think they were trying to flee, but they were blocked in," East Liverpool Captain Patrick Wright said. "Once they got blocked in, they tried to dispose of the evidence in the vehicle.

"There was white powder on the seat, on the floor, on the guys' shoes and on his clothing."

18 Swat Officers Hospitalized After Exposure to Unknown Chemical

18 SWAT officers hospitalized after possible exposure to fentanyl during raid

Protective Gear & Decontamination When Dealing with Suspected Fentanyl Exposure



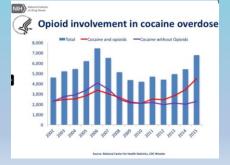
Cocaine with Fentanyl

- The DEA is also warning about fentanyl being increasingly cut up into cocaine, in addition to heroin.
- <u>The development is particularly alarming for</u> <u>law enforcement who note that, unlike heroin,</u> cocaine is more widely used as a social drug.
- They fear that users are largely unaware of fentanyl being cut up with cocaine and say it is already having deadly consequences.

Potent problem: Fentanyl, a Deadly Drug used to Spike Heroin and Cocaine

- Among those killed was a 19-year-old from South Orange County. He overdosed sitting on his sofa, with a white powder on his nose and mouth and a cellphone on his lap. <u>An incoming</u> text message asked if he was still looking for "blo," according to a coroner's report.
- The teen had dabbled in cocaine and consumed alcohol, his family told investigators, but a lab test revealed the white powder was fentanyl, not cocaine.

Opioid Involvement in Cocaine Overdose Deaths (Red Line)



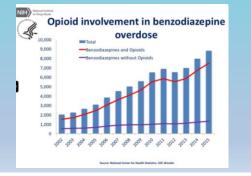
What are Benzodiazepines?

- Benzodiazepines are depressants that produce sedation, induce sleep, relieve anxiety and muscle spasms, and prevent seizures
- The most common benzodiazepines are the prescription drugs Valium®,Xanax®,Halcion®,Ativan®,and Klonopin®.

Abuse and Overdose of Benzodiazepines

- Abuse is frequently associated with adolescents and young adults who take the drug orally or crush it up and snort it toget high. Abuse is particularly high among heroin and cocaine abusers.
- Overdose effects include shallow respiration, clammy skin, dilated pupils, weak and rapid pulse, coma, and possible death.

Opioid Involvement in Benzodiazepine Overdose Deaths (Red Line)



Synthetic Drugs Spice and Bath Salts

Overview of Spice and Bath Salts

- What are they? What do they look like?
- Warnings and Symptoms of Use
- Symptomatology
- Availability in the Community
- Synthetic Drug Laws and Bans
- Community Engagement

What are Spice and "Bath Salts"?

- <u>Spice</u> is a mixture of herbs sprayed/laced with toxic synthetic chemicals that cause dangerous health effects and behaviors
- <u>Bath salts</u> are synthetic chemicals in a powder or crystal-like form that have a high risk for overdose
- They are <u>NOT</u> legitimate Bath Salts!



<u>Real</u> Potpourri and Incense <u>Legitimate</u> Products!





Legitimate Bath Salts next to Three Containers of the drug "Bath Salts"

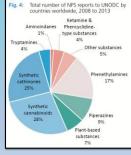


Synthetic Drugs & New Psychoactive Substances <u>A World-Wide Issue</u>



Source: United Nations Office on Drugs and Crime (UNODC)

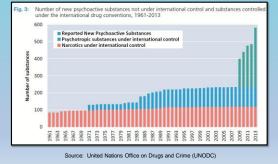
NPS World-Wide



Bits of the second se

Source: United Nations Office on Drugs and Crime (UNODC)

Number of NPS not under International Control

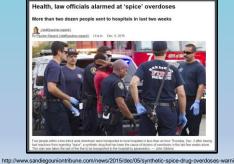


Popularity

- The increase in NPS use is most likely due to several reasons
- Legality of these drugs (staying steps ahead of legislation)
- User expectation of an intense high
- Easy accessibility via Retail Stores and Internet
- Affordable
- Avoidance of detection in standard drug tests

Source: United Nations Office on Drugs and Crime (UNODC)

Spice Overdoses in Downtown San Diego



Safety Risks

- Excited Delirium
- This condition can affect <u>some</u> Synthetic Drug
 Users
- Significant Safety risks involved!
- Acute medical emergency for the User!

Safety Risks

- Persons experiencing <u>excited delirium</u> may have extraordinary strength associated with PCP use
- Other conditions can cause excited delirium that are not associated with drug use (medical conditions; Closed head injuries, diabetic coma, sepsis) and from certain psychiatric illnesses
- Request support

Soldier - Police Pursuit, Double-Murder, Suicide (Edited Video Seattle)



Bath Salts Deaths– High Speed Pursuit, Murder- Suicide



Washington State, Interstate 5, speeds in excess of 100 mph. Murder-Suicide when pursuit ended. Fire-wear old child found dead

Five-year old child found dead in home from asphyxiation



v.komonews.com/communities/olympia/1965387

Bath Salts Users (Edited Video)



Source: https://www.kcet.org/shows/socal-connected/bath-salts-zombie-drug-remains-cheap-easy-to-get-anddevastating-0

Warnings By Government

- Numerous warnings by government agencies and military
- DEA, DOJ, CDC, Poison Control Centers, American Medical Association, etc.



Synthetic Drug Dangers

- Unregulated and untested
- No medicinal use
- Reports of Addiction
- Never tested on humans
- One-time use has resulted in serious injuries and death



Spice and Bath Salts Are Not Regulated by the FDA!

- Not regulated because the products are labeled <u>"NOT for Human</u> <u>Consumption</u>"
- Often sold as novelty items or household products







Synthetic Cannabinoids

NOT FOR HUMAN CON

- Also Known As...
- Spice
- Potpourri
- Herbal Incense
- K2, K3, etc.

Drug Tests

- Bath Salts and Spice are not detected on standard drug tests
- Specialized test is needed and is more expensive than standard drug tests
- Appeals to those who are randomly tested
 - Military
 - Probation/Parole
 - People in Substance Abuse Treatment Programs
 - Athletes College and Professional
 - Employment

"Spice" "K2" (Synthetic Cannabinoids)

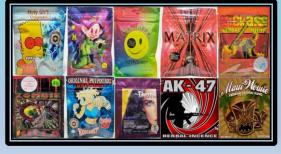


- Sold in foil packages, clear plastic baggies, and jars/containers
- <u>Multi-Billion Dollar a</u>
 <u>Year Industry!</u>





Synthetic Cannabinoids "Spice" Packaging



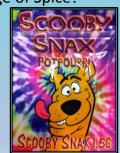
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The Packaging Stays the Same – Even With Different Chemical Formulas!

- The packaging for Spice does NOT state what specific drug(s) are being sprayed onto the plant material
- <u>The Same EXACT packaging</u> can have different chemical formulas for Spice from one purchase to the next!
- People using these drugs have NO knowledge of what chemical formulas are in the package or the affect those chemicals will have on them
- Spice affects people differently
- Hundreds of DIFFERENT chemical formulas for Spice

What Chemical Formula(s) are in Your Package of Spice?





Spice Dangerous in All Forms

- Anxiety, including Extreme Panic Attacks .
- Increased Blood Pressure, Increased heart rate
- Cardiac Arrest Decreased heart rate,
- low blood pressure
- Brain Seizures, Convulsions
- Tremors
- Can Become Unresponsive

- Vomiting • Hallucinations, Psychotic
- Breaks
- Suicidal Thoughts and Tendencies
- Paranoia
- Kidney Failure
- Stroke
- Death

Spice

Dangerous in All Forms

- Chemical formulas can be hundreds of times stronger than the THC in marijuana
- Used in similar manner as marijuana - Smoked in pipes, joints, bongs
 - Vaporizers, e-cigarettes
 - Ingest Orally liquid in drinks and food
 - Sometimes made into a tea
- Can Cause serious injury & death from one-time use
- Onset of effects may take about 5 to 10 minutes depending on use; typically lasts 10- 40 minutes or longer. Some reports for hours...





SAMHSA – Spice Behavioral Health Advisory (2014)

- "Spice tends to be marketed as a natural, safe and legal alternative to marijuana and many individuals who use it believe those claims to be true."
- "A growing body of evidence suggests an association between using spice and having an acute episode of psychosis in individuals with no history of psychosis or triggering a psychotic episode among individuals with a history of psychosis."
- "However, current evidence has not established a definitive, causal link; additional research in this area is important".

Source: http://store.samhsa.gov/shin/content/SMA14-4858/SMA14-4858.pdf Substance Abuse and Mental Health Services Administration (SAMHSA)



Parents Warn Against Synthetic Marijuana After 19-Year-Old Son Dies Connor Reid Eckhardt



Spice Manufacturing

Step 1 - Bulk Chemicals (Can Be Smoked in Powdered Form)





Add Flavoring to the Mixture (Optional)



Step 3- Load Your Sprayer or Mixer





Damiana – Most Popular Plant

- Damiana is a wild shrub that grows in Mexico, Central America, and the West Indies.
- The leaf and stem can be used to make medicine
 Historically it was used
- Historically, it was used mostly to increase sexual desire (as an aphrodisiac)
- One type of fuel source to burn and vaporize spice chemicals that are sprayed onto dried plant.



"How To Make Spice" Small Scale Manufacturer (Video Edited)



Source: YouTube video by user "america4hemp"

Video "How To Make Spice" Over 130,000 YouTube Views



Domestic, Larger Scale Spice Manufacturing



Large Scale Manufacturing



Spice Laced with Fentanyl (06-16)

Arizona DEA agents bust nation's first-known Fentanyl-laced Spice lab





Synthetic Stimulants

- "Bath Salts"
- And Many Additional Names...

Understanding "Bath Salts"

- They are <u>NOT</u> legitimate bath salts
- Also Known As:
 - Research Chemicals
 Plant Food
- Plant Food
 Novelty Powder
- Glass Cleaner
- Jewelry Cleaner
- Shoe Deodorizer
- Fertilizer
- Toilet Bowl Cleaner Meow or Meow Meow
- Scouring Powder
- Originate in China or India, shipped to US through eastern European countries
 (Banned in United Kingdom and
 - other European Countries)



Bath Salts (Synthetic Cathinones)

- Sold in foil packages, vials, baggies, and small lip balm like containers/jars
- <u>Millions</u> of Dollars in Sales By Individuals





Avoiding FDA Regulation – Mislabeled Products "Not for Human Consumption"



Understanding "Bath Salts"

- Sold in sizes ranging from:
- .25 gram (1/4 gram "250 mg")
- .5 gram vials (1/2 gram "500 mg")
- 1 gram (1000 mg)





Bath Salts PackagingImage: Salts Packagi

White Girl, Scarface, Superman "Bath Salts"



Understanding "Bath Salts"

- As dangerous as cocaine, crystal methamphetamine, PCP, Ecstasy and LSD. Used in the same manner as these controlled substances.
- Methods of ingestion:
 - Snorting (Bumping, pen caps, snuff)
 - Smoking (birthday cakes, head trip potpourri)
 - Injecting (slamming)
 - Oral, tablets , glass of water
 - "Bombing" wrapping a dose of powder in a piece of paper and swallowing it
 - Anal Suppositories

Effects on Mind and Body

- Bath salts- onset of effects depends on method of ingestion, purity and potency of the chemical formula
- Symptoms can last from hours to days with flashback potential similar to LSD
- Reports of paranoia lasting for weeks and months <u>after</u> use has ended
- Unknown long-term effects

Bath Salts - As Dangerous as Cocaine, Methamphetamine, Ecstasy, PCP and LSD



Bath Salts Symptomatology

Anxiety

- Body tremors
- Bruxism (Teeth Grinding)
- Dry mouth
- Euphoria
- Exaggerated reflexes
- Eyelid and Leg tremors
- Irritability
- Redness to nasal area
- Restlessness

- Running nose
- Talkative
- Headaches
- Chest pains
- Insomnia
- <u>Risks From Some Users</u> with extreme symptomatology

Bath Salts Symptomatology

- Extreme Paranoia
- Flashback Potential Similar to LSD Use
- Extraordinary Strength
- Vivid, Terrifying Hallucinations, Delusions, Fear
- Self Mutilation
- Psychotic Breaks, Psychosis
- Suicidal ideation or actions
- Excited Delirium
- Hyperthermia Extremely High body temperatures 107-108 degrees Fahrenheit
- Homicidal Tendencies
- Stroke
- Death

Possible Stages of Bath Salts

- Stimulant Effects
- Paranoid Delusions- Crisis Stage
- Excited Deliriums– Critical (toxic) Stage
 - An acute medical emergency requiring immediate medical assistance

Safety Risks

- Unknown Synergistic effects when combined/mixed with other drugs/alcohol
- Spice and Bath Salts can be combined and
- smoked! These drugs affect people differently



Retail -Where are Spice and Bath Salts Sold?



- Spice and Bath Salts are sold at:
- Dollar Discount Stores
- Liquor Stores
- Gas Stations
- Smoke Shops
- Internet Online Sales
- Adult Stores
- Street sales

Large Profit Margins



 A 30 ounce container of REAL Bath Salts is only <u>\$5.00</u>

 What would it cost for a 30 ounce container of drugs <u>mislabeled</u> as Bath Salts? (\$15.00 per ¼ gram)

- \$51,000.00 !!!
- People selling **KNOW** this is a drug and don't care!
- Same with Spice!

Update on Molly Not Just MDMA!

- "Molly" Anything that mimics MDMA,
- Can Include Bath Salts
- An Ecstasy Dealer in San Diego, thought he was selling Ecstasy. When raided, substance was Bath Salts (Methylone)
- San Diego ABC Narcotics Case with employee selling Methylone as Ecstasy



Counterfeit tablets



Fentanyl

- Fluoroisobutyrylfentanyl Butyrylfentanyl
- Methamphetamine
- Chloroethcathinone
- Alpha-PPP
 Deschloroketamine
- Cocaine
- Levamisole
- Caffeine Lidocaine
- Carbamazepine
- TH-PVP
- U-47700 4-ANPP
- Diclazepam
- Flubromazepam
- Etizolam Deschloroetizolam
- Dibutylone

Legislation and Bans

Municipal Ordinances in CA Copies Available Upon Request

- *<u>City of Oceanside Banned the possession and sales of Spice and Bath Salts.</u> \$500.00 Per Package Fine for sales. Updated Chemical formulas and classes (Civil and Criminal Penalties)
- <u>City of San Diego –</u> Banned Possession and Sales with <u>UPDATED</u> Chemical Formulas
- *San Marcos Banned the possession and sales of Spice and bath salts (Civil Fine, Misdemeanor)
- *<u>City of Encinitas</u> Banned the sale and <u>possession</u> of Spice and Bath Salts
- City of Chula Vista Sales are a Public Nuisance
- City of El Cajon Sales are a Public Nuisance
- County of San Diego Sales are a Public Nuisance

California Sales Penalties for Bath Salts Versus Drugs They Mimic

State of California	Possession Personal Use	Sales Trans. Manuf.	Guns present	Locations schools, parks ,etc	Minors	Priors	Weight Enhanc ement
Bath Salts & Spice	\$250 Fine, Then Misd.	Up to 6 months and/or \$1,000	None	None	None	None	None
Cocaine	Misd. (Prop 47)	Up to 7 Years	Up to 5 Yrs extra	Up to 5 Yrs. extra	Up to 9 Yrs.	Up to 3 Yrs extra	Up to 25 Yrs extra
Meth amphet amine	Misd. (Prop 47)	Up to 7 Years	Up to 5 Yrs extra	Up to 5 Yrs. extra	Up to 9 + 2 Yrs if Child under 16	Up to 3 Yrs extra	Up to 15 Yrs extra
PCP	Misd. (Prop 47)	Up to 7 Years	Up to 8 Years.	Up to 1Yr. extra	Up to 9 Years	Up to 3 Yrs extra	Up to 15 Yrs extra

Federal Prosecutions

Federal Penalties

- Strict Penalties for Sales: Felonies
- Schedule 1 Controlled Substances
- Analog Prosecutions
- Sellers can be Sentenced up to 30 years in Prison!
- Up to 10 Million in Fines and Asset Seizures
- California Penalties
 - Misdemeanor, Up to 6 Months in Jail and/or up to a \$1,000 Fine

Tip of the Iceberg... More NPS Drugs are Coming

 Requires a Paradigm Shift in How Government Legislates and/or quickly bans these emerging drugs!

"New Drugs Killing San Diegans"





Mitragynine "Kratom"

- Kratom is not controlled under the Controlled Substances Act. however, there may be some State regulations or prohibitions against the possession and use of Kratom.
- There is no legitimate medical use for Kratom in the United States.
- In addition, <u>DEA has listed</u> <u>Kratom as a Drug and</u> <u>Chemical of Concern.</u>



Source: DEA Drugs of Abuse 2015 Edition. A DEA Resource Guide

W-18 Synthetic Opioid 100 Times More Potent than Fentanyl



U-47700 Opioid (06-06-16) At Least 50 Deaths

New Synthetic Drug U-47700 Has States Rushing to Stop Spread

By BILL DRAPER, ASSOCIATED PRESS + KANSAS CITY, Mo. – Jun 6, 2016, 6:45 PM ET

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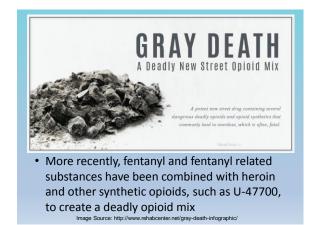
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A new synthetic drug that can be purchased online and is connected to at least 50 deaths nationwide has several states scrambling to stop its spread, with Kansas law enforcement agencies seeking an emergency ban.

At least three other states — Ohio, Wyoming and Georgia — already have taken action to ban U-47700 efter it was connected to overdoses. A spokeswoman for the U.S. Drug Enforcement Administration seld that the agency is studying the opioid but hasn't yet moved to control it.

Nearly eight times more potent than morphine, U-47700 comes in various forms and can be injected, snorted or taken orally.



Vaping Devices - Any Type of Drug



Community Engagement

Drug Use Can Hurt Your Career Plans and Limit Future Employment Opportunities!



Drug Use Can Hurt Your Career Plans and Limit Future Employment Opportunities!

- All branches of the Armed Services have zero tolerance for illegal drug use, including Spice and Bath Salts.
- All Federal Government employees, including those at the Department of Defense and Department of Transportation, and anyone that drives a commercial vehicle are subject to random drug testing.
- Both San Diego County and the City of San Diego have preemployment drug testing.
- As part of their hiring processes, Law Enforcement agencies ask questions regarding <u>drug use history</u>.
- Many local employers including Sea World, San Diego Zoo, Hilton, Best Buy and San Diego Gas and Electric have preemployment drug testing.

Slide Credit: Joe Eberstein, San Diego County Marijuana Prevention Initiative

Why Engage Others?

- Critical Need for Community, Local Leaders and Elected Representatives To Understand Synthetic Drug Dangers and <u>Limitations Under Existing</u> <u>Laws</u>
- Education, Awareness, Outreach Is Key To Prevention Efforts
- Local Ordinances and Best Practices For Local Level Solutions

Understanding, Engagement and Empowerment is Critical to Protecting Youth, Young Adults and Communities!

How You Can Help

- Become Involved as an Individual and/or as an Organization
- Be a voice for change, talk to members of the public about synthetic drug dangers and encourage them to become involved!

Help Identify Sellers of Synthetic Drugs

- If you do find a business that is selling, please notify law enforcement
- Business name with complete address
- Date observed selling?
- Selling Spice, bath salts, or both?
- Currently selling, past sales, or both?
- Where were drugs located in the business?
- Eyes and ears for law enforcement agencies

Prevention Groups, DFC's and Prevention Providers!

- Great Resource for Education and Community Engagement!
- Funded to work with Community, including youth groups
- A well informed, educated Community Group can be Very Effective Advocates!
- They Can Also Be Eyes and Ears for Law Enforcement
- Retail Assessments for Alcohol and Other Drugs

News Media

Use Media Advocacy To:

- ✓ Frame The Issues
- ✓ Organize The Community They Can Advocate for Change!
- ✓ Identify and Build Support for Solutions
- ✓ Increase Perception of Harm
- ✓ Change Social Norms
- ✓ Improve Quality of Life in The Community

Spice Overdoses in Downtown San Diego



EMS System Data for the City of San Diego

- Spice <u>poisoning</u> calls in just the City of San <u>Diego</u>.
- March, 2015 through December, 2017, more than <u>1,300 Ambulance Transports</u> to <u>hospital</u> <u>emergency departments</u> for treatment.
- <u>Millions of Dollars in Costs to EMS System</u>
- Three individuals had more than 10 separate hospital transports each, and one person had more than 20 separate transports!
- One individual had 6 separate EMS transports in the same day!

Spice Poisonings San Diego 05-18-2016





San Diego City Ordinance for New Psychoactive Substances (5-24-16)



Resources (Official Sources)

- <u>California Poison Control System</u> -1-800-222-1222
- <u>San Diego County Sheriff's Department</u> Bath Salts and Spice Documents (Warning Letter to Businesses, California Laws, News Release) http://www.sdsheriff.net/bathsalts/index.html

Resources (Drug User Forums)

- http://www.drugs-forum.com/index.php
 User Forums "Research Chemicals" section
- http://www.bluelight.ru/vb/
 Drug Users reviews and "street" info
- http://www.erowid.org
 Personal experiences and research aspects

Quotes

- "Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has." -Margaret Mead
- "It's hard to fail, but it's worse never to have tried to succeed." **Theodore Roosevelt**

Questions and Answers



Contact Information

- William Perno, SAY San Diego Community Organizer/Prevention Specialist Retired Deputy, San Diego County Sheriff's Department
- E-Mail: wperno@saysandiego.org
- Phone: 619-283-9624 Ext. 307
- https://www.saysandiego.org
 Funded by the County of San Diego, Health and Human Services Agency,
 Behavioral Health Services

