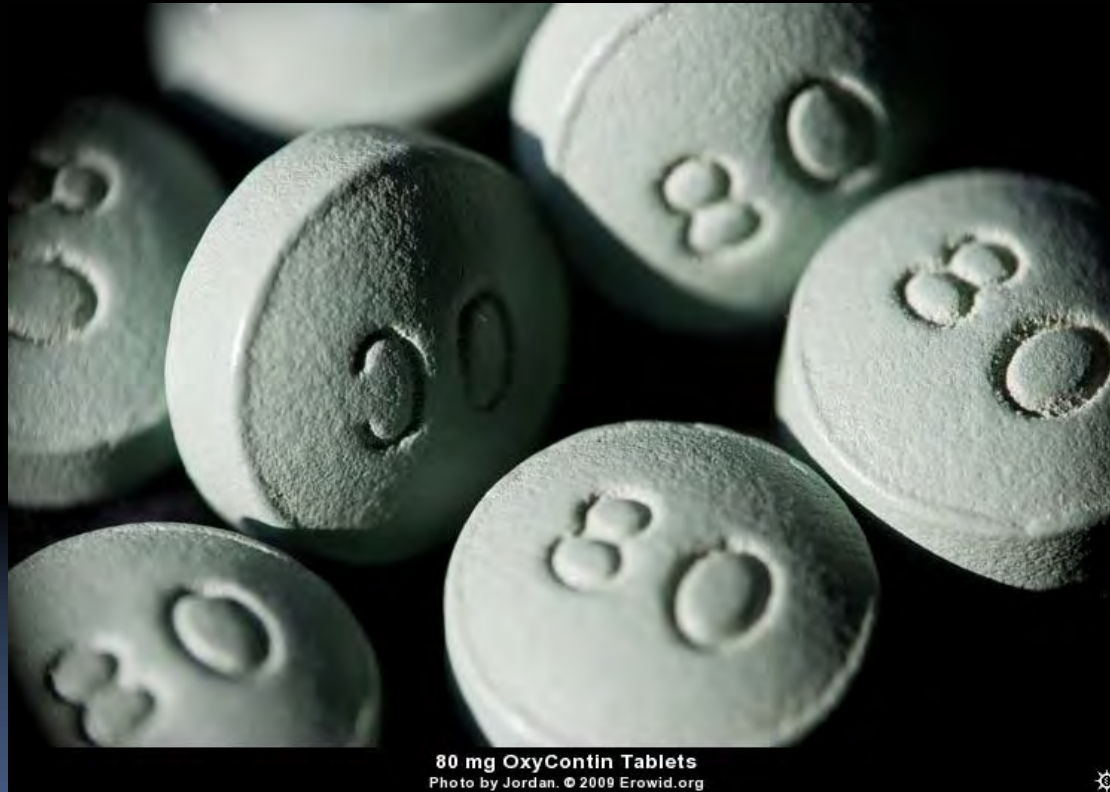


8th Annual LIFESTAR / Emergency & Trauma Services Symposium



August 18, 2012


Awareness, Recognition, and Trends of the Drug World



Det. Cpl. Gary Bean, Narcotics/Vice
Division, Morristown Police Department



Most Commonly Abused...

- Prescription Medication (*biggest problem by far*)
 - Powder Cocaine
 - Crack Cocaine
 - Marijuana
 - Methamphetamine
 - Synthetic Drugs
 - Designer Drugs and New Trends
- 




Prescription Medication





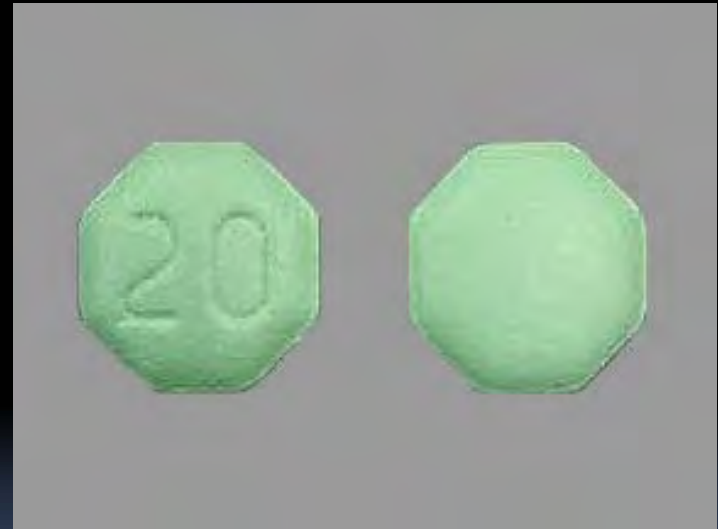
Prescription Abuse

- Commonly abused prescription narcotics:
 - Oxycontin (brand name)
 - Oxycodone
 - Roxicodone
 - Opana (oxymorphone)
 - Morphine
 - Hydrocodone
 - Xanax
 - Somas
 - Suboxone
- 

Prescription Drugs



Roxycodone (oxycodone)

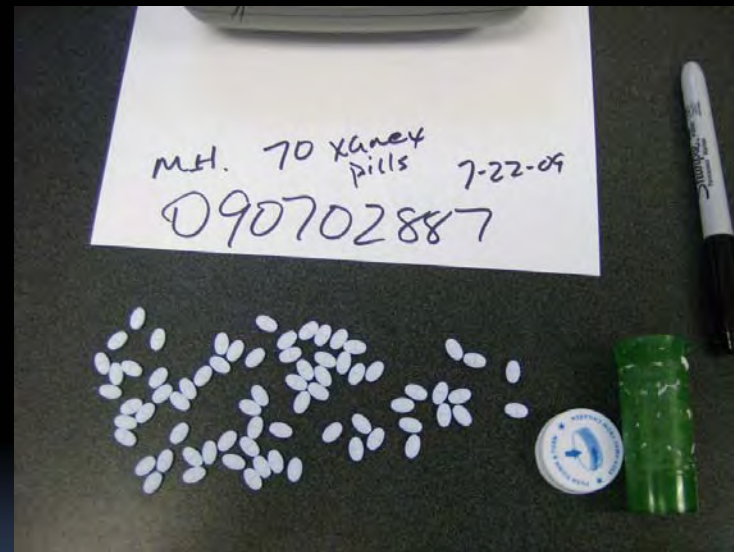


Opana (oxymorphone)

Prescription Drugs



Percocet (oxycodone)



Xanax (alprazolam)

Prescription Drugs



Suboxone tablets



Suboxone strips

Means of Acquiring Medications

- ◎ Prescription Fraud
 - *Stealing script pads from doctor's office*
 - *Formatting their own scripts*
 - *Posing as medical personnel for call-in scripts*
 - *Alterations of prescriptions*
- ◎ Filing a false police report
 - *Stating meds were stolen to acquire more from doctor*
- ◎ Trading medication
- ◎ Ordering online
- ◎ Doctor shopping*
- ◎ Pain clinics*

Doctor Shopping

- Under Tennessee Law
 - No person shall fail to report obtaining a controlled substance to a healthcare provider if that person has obtained the same controlled substance from another healthcare provider within the last 30 days.
 - Some individuals will see multiple doctors in multiple jurisdictions in a 30 day period in order to remain “under the radar” while obtaining large amounts of the same narcotic.

Pain Clinics

- New laws in Florida have forced clinics to relocate.
- Multiple clinics have moved into Georgia, North and South Carolina, Maryland, West Virginia, and Tennessee.
- Majority from Morristown area are visiting clinics in central and southeast Tennessee and Georgia.
- “Drug Rings” remain a common practice.

Operation Orange Crush

(October 2009)

◎ Arrests: 20

- 6 – Powder Cocaine
- 2 – Crack Cocaine
- 2 – Meth
- 10 – Prescription Meds
Oxycodone, Morphine,
Opana, Hydros

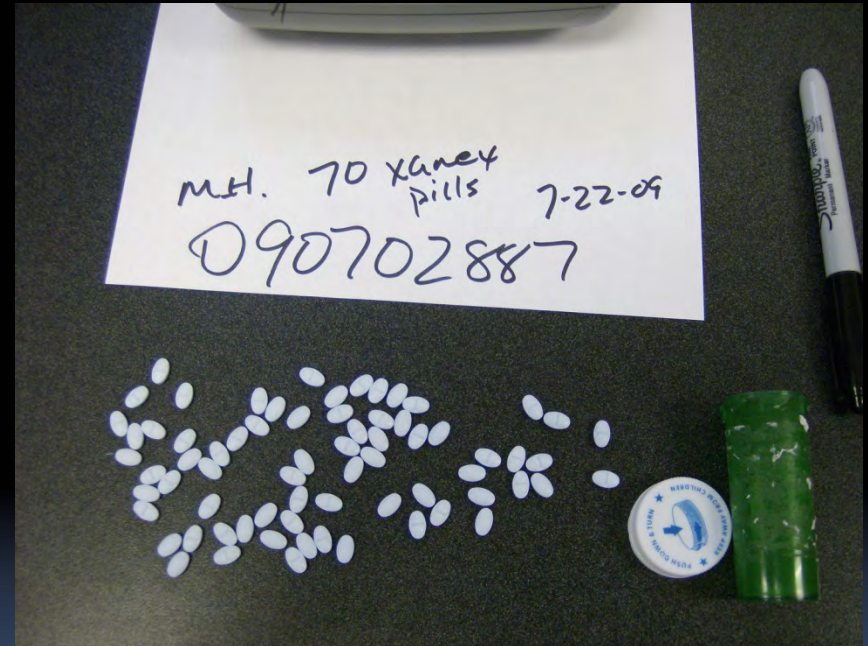


Operation Deadly Dose

(April 2011)

- Arrests: 47 total
 - 3 – Marijuana
 - 6 - Crack Cocaine
 - 7 - Powder Cocaine
 - 31 – Prescription Meds

(Oxymorphone, Oxycodone, Morphine,
Methadone, Alprazolam, Hydrocodone)



Operation Blue Wave

- Arrests: 40
 - 2 – Marijuana
 - 13 – Cocaine
 - 1 – Meth
 - 24 – Prescription Medications



Deadly Results

- According to the Hamblen County Coroner's Office, the number of overdose deaths are as follows:
 - 1991 - 2 deaths
 - 1994 - 2 deaths
 - 2003 - 20 deaths
 - 2008 - 31 deaths
 - 2010 - 53 deaths
 - 2011 - 46 deaths
 - 2012 - 29 deaths (as of 07-31-2012)



2011

- Over 50 % of all babies born at Morristown-Hamblen Healthcare System were verifiably or presumed to be born addicted to some type of narcotic.

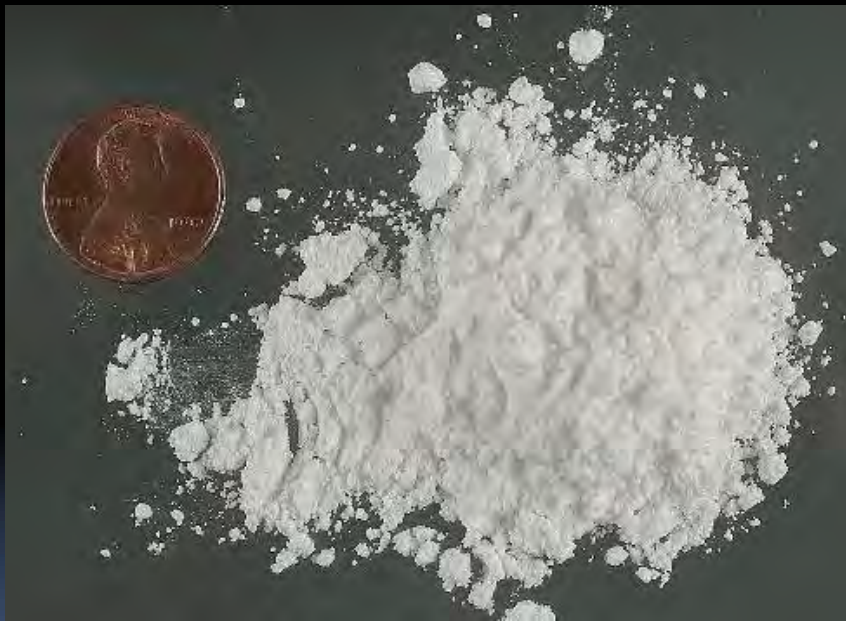


Cocaine





Cocaine





Powder Cocaine




Crack Cocaine

Cocaine

- Availability as well as demand has drastically reduced over the past 20 years.
- This reduction is due mostly to the increase and availability of Doctors, Pharmacies, and medications.
- Now controlled primarily by Mexican Drug Trafficking Organizations (DTO's).



Marijuana



Marijuana




Plant



Harvested to Smoke



Marijuana

- Marijuana has maintained a level of availability and abuse for many years.
 - Mexico remains a major supplier of Marijuana.
 - Indoor grows and shipments of high grade marijuana from Midwest and Western U.S. have become a more popular source.
- 



Methamphetamine





Methamphetamine

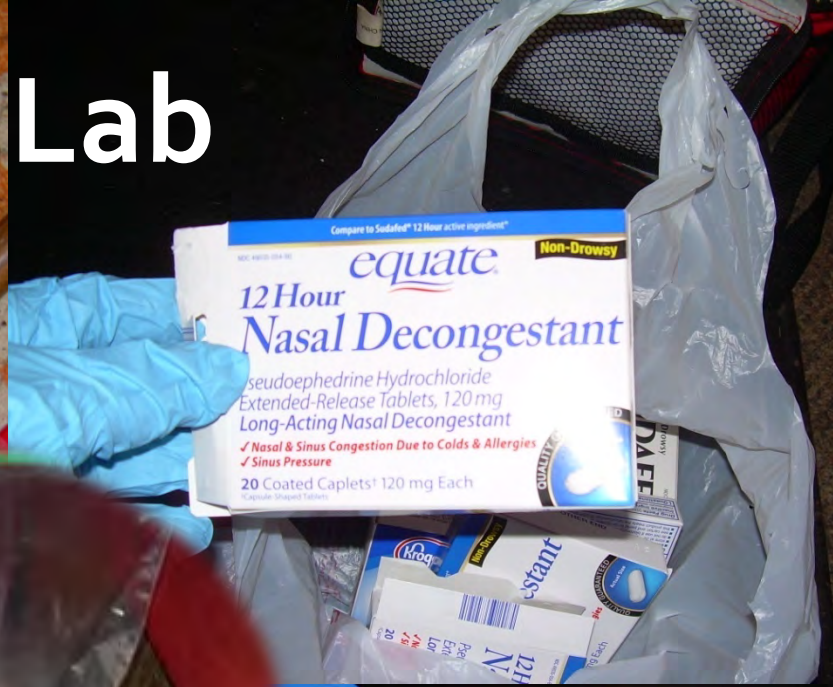


Powder



Crystal ("Ice")

Meth Lab







SIGNS OF A METH LAB

GARBAGE

CHEMICAL WASTE DUMPING

CHEMICAL ODORS

SMOKERS GO OUTSIDE

UNFRIENDLY SECRETIVE OCCUPANTS

PARANOID OR ODD BEHAVIOUR

WINDOWS COVERED

EXTENSIVE HOME SECURITY

ODD HOURS



EQUIPMENT INDICATORS

JUGS

RUBBER TUBING

RUBBER GLOVES

HOTPLATES

BOTTLES

COFFEE FILTERS

BLENDERS

TAPE/CLAMPS

FUNNELS

“HOW TO BOOKS”

LAB GLASSWARE

BEAKERS

ICE CHESTS

GAS CANS

TOWELS/SHEETS

MEASURING CUPS

STRAINERS

ALUMINUM FOIL

MASON JARS

MEASURING CUPS

CHEESE CLOTH

ELECTRIC SKILLETS

PRESSURE COOKER

INTERNET RECIPES

PROPANE CYLINDERS PLASTIC STORAGE CONTAINERS

PYREX/CORNING DISHES

Methamphetamine Effects



Before



After


Methamphetamine Effects



Meth Bugs



Meth Mouth

- 
- A truly scientific method to determine if you have a Meth Lab ...



Yellow Lab



Black Lab



Chocolate Lab



Meth Lab



Synthetic Drugs



Synthetic Drugs

- Several products have appeared on the market and are commonly sold at convenient stores, novelty stores, and over the internet.



Many of these products are labeled as “not intended for human consumption”. New laws have been passed that ban ingredients of these products.



Synthetic Drugs


- The most popular synthetic drugs can be separated into two categories:
 - “Bath Salts” or “Plant Food”
 - Contain Methcathinone or Methcathinone derivatives.
 - “Incense” or “Spice”
 - Contain an intoxicating ingredient which simulates the effects of THC.

“Bath Salts” and “Plant Food”

- Products contain methcathinone or a methcathinone derivative
- Central Nervous System Stimulant
- Crystal Form
- Causes hallucinations, extreme paranoia, convulsions, and “hearing voices” and highly addictive (similar to meth, MDMA, or LSD)
- Methcathinone and six of its derivatives are now banned substances in TN



Ingestion Methods

- • Snorted (most common)
 - • Injected
 - • Smoked (similar to crack)
 - • Mixed with food
 - • Mixed with drink
- 

“Bath Salts” Incidents

- • **February 2012 - Florida man bit the hood of a police cruiser** when police attempted to restrain him.
- • **May 2012 - Ohio man fired at police** when they interrupted him while he was breaking into his own house. Police fired back and wounded him.
- • **May 2012 - Ohio man was shot and killed by police** after he held a knife to his girlfriend's neck.
- • **May 2012 - Florida man ate the face off of a homeless person** and growled at officers before being shot & killed. Bath salts are suspected.



Bath Salts

- [Video](#)



“Incense” or “Spice”

- Plant material laced with chemicals
- Chemicals are synthetic cannabinoids structurally related THC (the psychoactive ingredient of marijuana)
- Chemicals were synthesized in the early 1980's and mid 1990's as research tools to study drug-receptor interactions
- Poison Control reports a 2000% increase of calls in a nine month period

Enforcement Issues

- An extensive list of these chemicals and derivatives have recently been added as banned substances in TN.
- The TBI currently lists 320+ separate brand names of “herbal incense” as containing banned substances.
- Manufacturers are constantly changing brand names, chemical make up, and packaging.



Designer Drugs And New Trends



“Cheese”




Black Tar Heroin combined with
Xanax or Tylenol PM

What is “Cheese”?

- • Black tar heroin combined with crushed Xanax or Tylenol PM tablets.
- • Highly Addictive and very dangerous.
- • Tan-colored powder usually snorted through the nose with a tube, straw, or small ballpoint pen.
- • Packaged in a small paper bindle or zip lock baggie.
- • Can be bought for as little as \$2.
- • Popular among Hispanic juveniles, both male and female.
- • Has been identified in more than a dozen Dallas ISD secondary and surrounding suburbs.



Hand Sanitizer

- Hand sanitizer is the latest in a string of household products used to induce intoxication, and it has public health officials worried, as a few squirts of hand sanitizer could equal a couple of shots of hard liquor. "This is a rapidly emerging trend," Dr. Cyrus Rangan, medical toxicology consultant for Children's Hospital Los Angeles, said in a news conference today. About 2,600 cases have been reported in California since 2010, but it's become a national problem.
- 

Hand Sanitizer

- Teenagers use salt to break up the alcohol from the sanitizer to get a more powerful dose. These distillation instructions can be found on the Internet in tutorial videos that describe in detail how to do it. Other troubling videos have surfaced online showing kids laughing as they purposely ingested sanitizer, many boasting of fulfilling a dare.



Hand Sanitizer

- [Video](#)
- 



- Questions and
Comments?



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