What Are Our Kids Doing at the Mall – Latest Trends In Drug Abuse

Kathie Simpson
PNAP Executive Director
877-298-7627
Objectives

- Show drug paraphernalia readily available and utilized in the abuse of drugs.
- Identify subtle common devices that can be converted for drug misuse.
- Discuss social norms of adolescents and teens toward drug and alcohol abuse.
- Explain the aftercare process for the Impaired Professional Program in Pennsylvania.
- Discuss how to convert the health professional model for aftercare to a public model.
Just Say No to Stereotypes

- Highly educated professional women are the heaviest and most frequent female drinkers. (Probation Journal, Vol. 56, No. 4, 415-434 (2009))

- 19.8% of full time college students age 18-22 are current illicit drug users (which includes marijuana, non-prescription use of medication, cocaine, hallucinogens, and inhalants). (2007 National Survey on Drug Use and Health)
Research indicates that 10-20% of the nation’s workers who die on the job test positive for alcohol or other drugs.

Approximately 75% of illegal drug users are employed.

(US Department of Labor, online January 4, 2010)
What does the term functional alcoholic/addict really mean?
I can’t have a problem if......

- I am still going to work/school
- Paying bills
- I’m still connected to my family
- I’m not violent
- I don’t have any major health problems
- I am young and just having fun!
Paraphernalia Show
Synthetic cannabis is a psychoactive designer drug derived of natural herbs sprayed with synthetic chemicals that, when consumed, allegedly mimic the effects of cannabis.

Often sold as “herbal incense” or “herbal smoking blends.” Every package will be labeled unfit for human consumption.

In the US, as of March 1, 2011, five cannabinoids, JWH-018, JWH-073, CP-47497, JWH-200, and cannabicyclopentanol have been placed on Schedule I of the Controlled Substances Act.
Synthetic Cannabis Examples
“Bath Salts”

The white crystals resemble legal bathing products like Epsom salts.

Effects are similar to amphetamine and cocaine.
Marijuana
Cocaine/Crack
Prescription Pills
Heroin
Observable Behavior - Opiates

- Sleeping on the job
- Nodding off
- Lethargy/depressed
- Slurred, rambling, or pressured speech
- Confusion
- Belligerent or combative attitude
- Mood swings
Inhaling Alcohol: Dangerous and Deadly Trend
Most of us drink our alcohol the old-fashioned way. We shoot it back in shots, sip it cold with a couple of olives in a martini or on ice with a lime, or even gulp it upside down through a keg funnel. But we usually don't inhale it. The Vaportini, a new device on the market, lets you do just that.

Here's how it works: Liquor is poured into a glass globe. It's then heated, and vapors collect in the glass. A straw is inserted and the vapors are meant to be inhaled, held for five seconds, then exhaled.

And to make this easy for all you can purchase the entire kit online for $52.00!
1. Place the candle in the bottom of a standard pint glass and light it.

2. Place the metal Vaportini ring on the top of the glass, making sure that it is secure.

3. Place the Vaportini globe on top of the ring with the opening facing up.

4. Place the funnel into the opening of the globe and add 1-1.5 ounces of spirits to the globe. Spirits with a proof of 80-100 works best. Check our website for suggestions.
   
   Note: do not fill/refill the globe while hot.

5. Allow the spirits to heat for approximately 4-5 minutes. A clear vapor will begin to appear.

6. Insert a small straw into the opening of the globe making sure it is above the liquid. Inhale deeply, hold the vapors for a few seconds and exhale. Only the alcohol vapors should be consumed.

7. Enjoy responsibly.
Some college students are experimenting with inhaling alcohol by pouring it over dry ice and “smoking” the vapors, according to an expert who says the practice is dangerous.

Young adults are inhaling alcohol to get high without ingesting calories.

“When you inhale alcohol, it goes directly into the lungs and circumnavigates the liver. The liver is what metabolizes alcohol, but when you inhale it, it goes directly from the lungs to the brain.”
“One of the things that prevents alcohol poisoning is that you usually vomit,” he noted. “When you circumvent the stomach and go straight to the lungs, you don’t have that ability.”
Gettin’ Yo Purple Drank On: Get High Using Skittles and Ice Tea
Read more at http://girlsjustwannahaveguns.com/2013/07/get-high-using-skittles-and-ice-tea/#AzVkJLKRVSr1cOP.99

Is an illegal recreational drink made of cough syrup Arizona iced tea and Skittles.

To make it really strong use cough syrup containing promethazine and codeine, and a carbonated soft drink, usually Sprite and Skittles or Jolly Ranchers.
“As your friendly neighborhood college student, I feel obligated to keep all of you up to date on the newest designer drugs. If you, like me have made the masochistic mistake to keep up with current events over the last few months, you may need a pick me up. Drug dealers are hard to come by for many, and dark alley ways and dive bar bathrooms can be scary places. So to make it easy, I am going to tell you an easy, cheap way to make your own cough syrup cocktail using only house hold ingredients, such as Skittles and Ice Tea!”
Purple drank causes motor skills impairment
Lethargy
A dissociative feeling from other parts of the body
Euphoria with a hint of sedation.
Psychological effects can include profound disorientation, depression, a feeling of personal disintegration and disconnection that may last for days.
Large doses are associated with psychotic breaks.
Mollies are MDMA, (3,4-methylenedioxy-methamphetamine), popularly known as Ecstasy.

- Is a synthetic, psychoactive drug that has similarities to both amphetamines and the hallucinogen mescaline.
- Increases activity of serotonin, dopamine and norepinephrine.
- Very popular among white adolescents and young adults in the night club scene.
- Taken orally; effects last 3 to 6 hours; often take more as effects start to fade.
MOLLIES - Observable Behaviors

- Emotional closeness.
- Very social, disinhibited.
- Constantly hugging, touching even strangers.
- Sexual arousal.
- Extreme euphoria- invincible, risk taking
- Feel no pain – bite lips, tongue, burn self with cigarettes “I can’t feel it dude, that’s sooo cool!”
- Accidents.
- Overdose and death.
- Intent is “I’ll try it once” but end up doing it all the time and have great difficulty quitting.
- Aftereffects– depletion of serotonin causes confusion, depression, anxiety, insomnia and drug craving.
Poppy Pod Tea

In the United States it is legal to purchase poppy seeds but all other parts of the plant are considered a schedule II controlled substance under the federal Controlled Substance Act of 1970.
Police wanted to remind the public that ingesting poppy tea, either from the seeds or pods, can be fatal.

On Feb. 22, Alex McGuiggen, 20, died in his home from a morphine overdose. The coroner's office later determined that he had ingested fatal quantities of opium from poppy tea that had been brewed at his home.

Poppy pods can be purchased over the Internet, but they are not necessarily safe and in some cases, can be fatal, police said. Depending on how they are used, they may also be illegal.
Getting High on Loperamide (Imodium)

- So for those of you who don't already know. Imodium is a common OTC anti-diarrhea medicine and a brand name for Loperamide. Loperamide is an opioid drug. The reason people don't go to the store and buy it to get high is that it does not cross the blood-brain barrier (BBB).

Now if you can get Loperamide to cross the BBB, theoretically you can achieve a high. Loperamide is kept from crossing the BBB via P-glycoprotein (PGP).

If you can inhibit PGP, you will allow more loperamide to
Take Tagamet or some other generic version of cimetidine, take 600mg to 1g a half hour to an hour before taking Imodium. This drug will act as a pglycoprotein inhibitor. It also does something to fix the first pass metabolism problem that T zone mentioned making the oral-bioavailability go up way past 0.3%. You can get Tagamet at most drugs stores otc. Also drink 16 oz of grapefruit juice and a bottle of tonic water. The tonic water contains quinine which is the most effective pgp. If you do these things the Imodium will definitely eliminate withdrawal or even get you high if your tolerance is low. Be careful though because it can take up to 4-8 hours to feel the effects for some people so give it some time. Do not take more Imodium after 40 minutes because you don’t think it is working, with your pgp inhibited you can easily OD.
Adulterants
How to Document Properly

- Use an Observed Behavior Reasonable Suspicion Record
- Forward to Human Resources Manager
Absenteeism/Tardiness

- Not calling off or showing for work
- Peculiar pattern of absences (Friday-Monday absences, day after payday call offs)
- Tardiness/ late to meetings/missing meetings
- Improbable excuses for absences/tardiness
- On the job absences
Concentration

- Comprehension problems
- Changing moods after lunch or break
- Alternating periods of high and low productivity
Safety Issues

- On the job accidents or mishaps
- Repeated “off the job” accidents
- Frequent “incident” reports
- Not following safety
Financial Issues

- Attempts to borrow money from fellow employees/students
- Advances on wages/expense accounts
- Stealing
Handling On-the-Job Impairment

- Note signs/symptoms exhibited by employee.
- Ask another supervisor to verify.
- Document exactly what you see.
- Remove employee from worksite.
- Call Director of H.R. for further
Why don’t pharmacists confront customer behaviors?

- Stigma – afraid of labeling someone
- Personal issues – How much do you drink?
- Rightly suspect this is going to turn ugly
- “Wine Glass House” – Did you serve alcohol at the last company party?
- 9 out of 10 people use substances without a problem.
- Can’t imagine someone so nice or competent has a problem.
- Fear loss of business...ef
Where Do We Go From Here?