

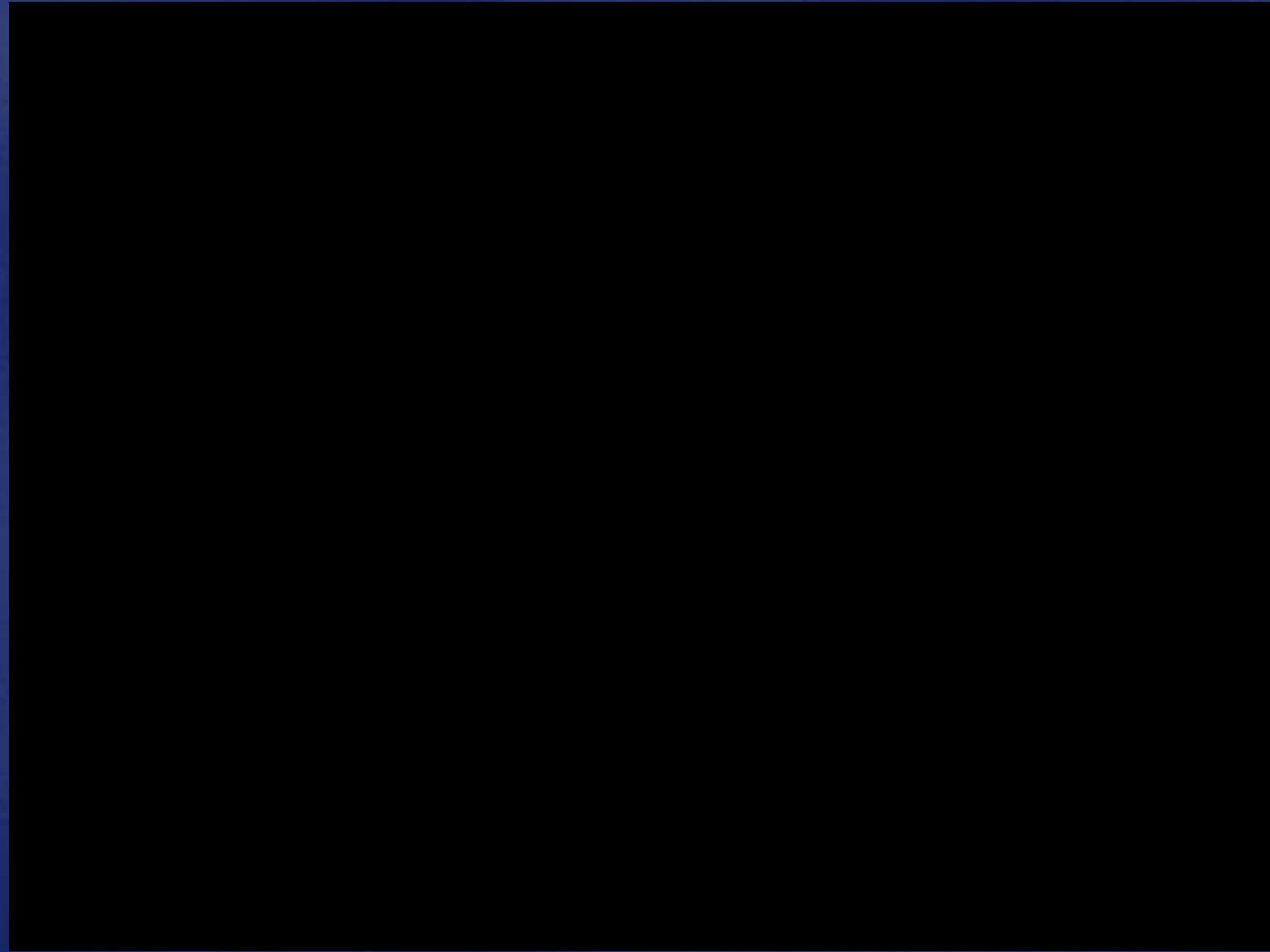
# MDMA (Ecstasy) & Methamphetamine

S/Sgt Martin SCHIAVETTA  
Calgary Police Service  
March 15, 2016

VIGILANCE ✦ COURAGE ✦ PRIDE



# Methylenedioxyamphetamin(MDMA)



VIGILANCE ✦ COURAGE ✦ PRIDE



# 3, 4-Methylenedioxy-Methamphetamine (MDMA)

*Also known as: Adam, Disco Biscuit, E, Ecstasy, Eve, Hug Drug, Lover's Speed, MDMA, Molly, XTC*

Both amphetamine (stimulant) and  
psychedelic (hallucinogen)

It's similar in structure to Meth

No real medicinal value  
- but has been used in psychotherapy



VIGILANCE ✦ COURAGE ✦ PRIDE



# MDMA – Cont.

Synthetic – made in labs (sassafras trees)

- Oil is distilled to make pure safrole
- Add formaldehyde and ammonia chloride
- Oxidized, distilled and crystalized

May contains other drugs – Meth, Ketamine, Cocaine, Ephedrine, Caffeine, MDA, PMMA

1 pound of MDMA = 10 pounds toxic material (waste)

- Labs smell like licorice

No such thing as ‘pure’ ecstasy



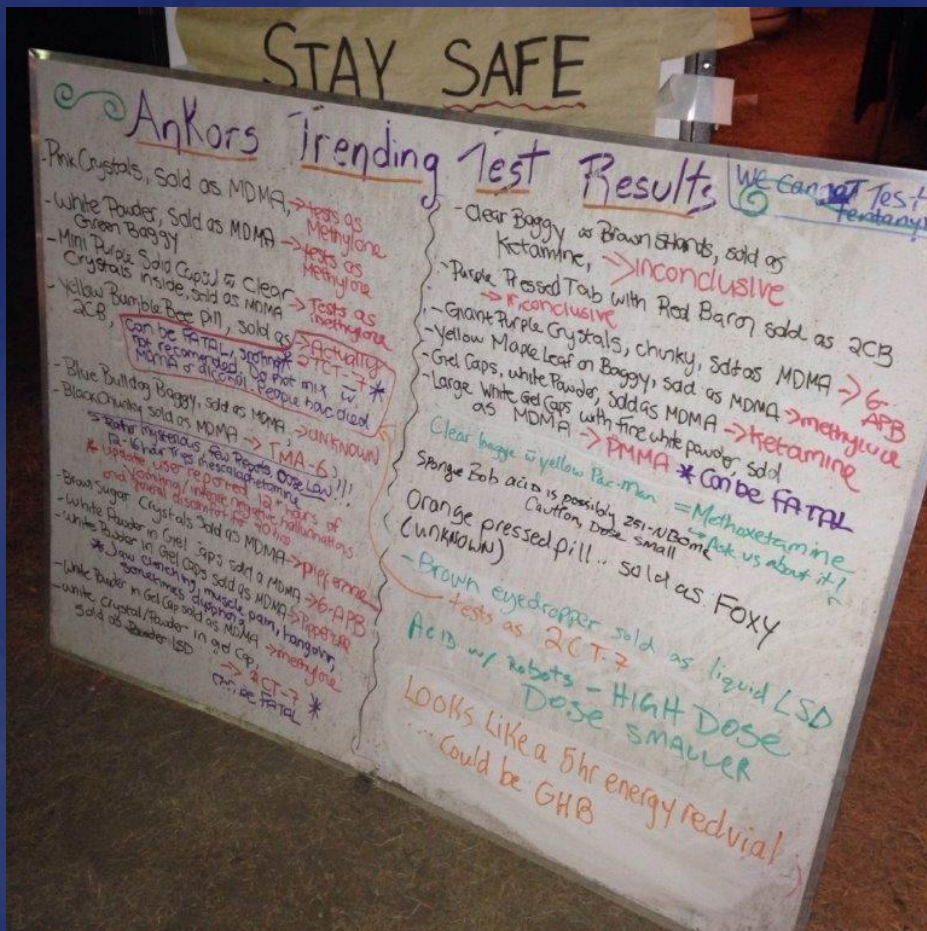
VIGILANCE ✦ COURAGE ✦ PRIDE





# MDMA – Cont.

Shambala Music Festival



VIGILANCE ✦ COURAGE ✦ PRIDE



# MDMA – Cont.

Canada is a major producer

BC Seizure - 2015



VIGILANCE ✦ COURAGE ✦ PRIDE





# MDMA – Cont.

Known as a 'Club Drug'

Form - Pill/capsule or powder

Rarely injected

Rarely used alone

- Alcohol, other drugs

'Stack' – 3 or more pills at once

'Piggy Back' – numerous pills over short time

'Candy Flip' – MDMA + LSD

Calgary Street Price:

Ecstasy

\$3-\$5 (wholesale)

\$5-\$10 (on the street)

\$20-\$25 (inside a rave)

Molly

\$40-\$60 per gram

\$500-\$1300 per ounce



VIGILANCE ✦ COURAGE ✦ PRIDE



# MDMA cont.

## EFFECTS

Changes in Perception:

- Euphoria
- Increased sensitivity touch
- Sexual arousal
- Energy

Physical Effects:

- ^body temp (hyperthermia) - dehydration
- ^ heart rate/ blood pressure
- Liver, kidney, cardiovascular failure

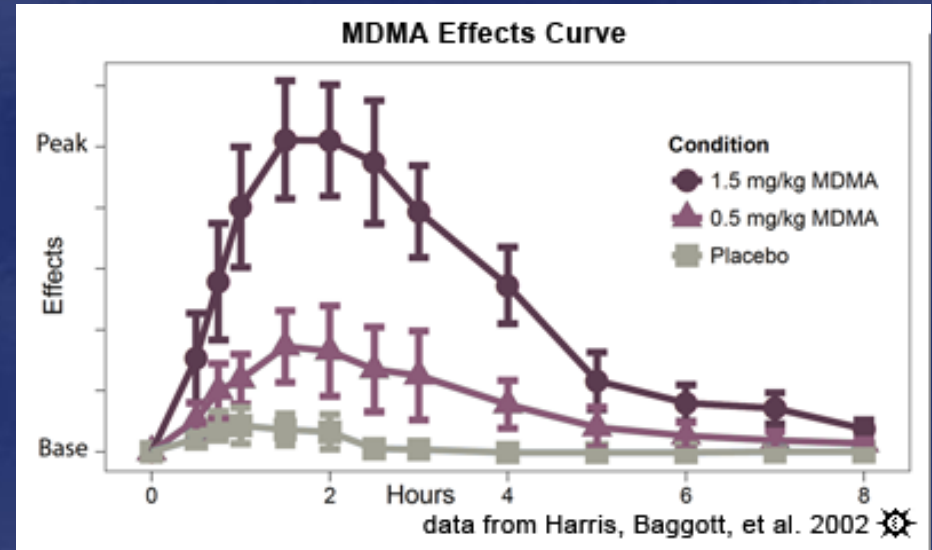
## Duration

Occurs – 30-45 min

Lasts - 3-5 hours

Crash – effects worn off (stack, piggy back)

Hangover



VIGILANCE ✦ COURAGE ✦ PRIDE





# Methamphetamine

*Also known as: Crank, Crystal, Glass, Ice, Jib, Meth, Poor man's cocaine, Speed, Shards...*

White, odourless, bitter tasting powder  
- Can easily be dissolved in water or alcohol

Similar to amphetamine (stimulant)

Desoxyn (medicinal use) – ADHD, obesity, narcolepsy

Typically smoked (but can be ingested, snorted and injected)

When it's synthesized there may be a 'skunky' odour

1 pound of meth = 6 pounds toxic material (waste)

Labs smell like ammonia or cat urine

Two thirds of global meth seizures occurred in North America



VIGILANCE ✦ COURAGE ✦ PRIDE



# Crystal Meth

Large crystals/chunks

- colourless, odourless crystals/glass fragments
- Sometimes has white/blue tinge

Produced by re-crystalizing powder meth in a solvent (eg methanol, toluene, Coleman's camping fuel)

Typically smoked (using a glass pipe)

- Can be injected

Similar effects as powder meth

- But more intense and longer high
- Can last more than 12 hours



VIGILANCE ✦ COURAGE ✦ PRIDE



# Meth cont.

## EFFECTS

- ^Heart rate, ^blood pressure, ^body temp – elevated mood, alertness
- Amphetamine Psychosis – paranoia, hallucinations, erratic – similar to paranoid schizophrenia
- ‘Meth mouth’ - loose teeth caused by dry mouth, poor hygiene, teethgrinding
- can cause brain damage



Meth Mouth

## Duration

Smoke/Inject – Rush (brief/intense)

Snort – longer high (half day)

### Stages:

Rush – intense (up to 30 min)

High – become really focused (up to 4-16 hours)

Binge – urge to maintain the high by uncontrolled drug and alcohol use (up to 3-15 days)

Tweaking – is at the end of the binge when there is no rush or high – itching, can't sleep, hallucination (bugs crawling under your skin)

Crash – body shuts down, long periods of sleep (up to 1-3 days)

Hangover – dehydrated, exhausted, slow moving (up to 2-14 days)

Withdrawal – depression, low energy, suicidal (up to 30 -90 days)

VIGILANCE ✦ COURAGE ✦ PRIDE





# Meth cont.

Repeated use prevents the brain from producing some neurotransmitters (dopamine) on its own

More intense than crack cocaine and a longer high

- Cocaine is metabolized and removed from the body quicker than meth

Calgary Street Price  
\$50 per ½ gram  
\$100 per gram



VIGILANCE ✦ COURAGE ✦ PRIDE



# Questions?

VIGILANCE ✦ COURAGE ✦ PRIDE

