

DRUG USE AND
ABUSE



OVERVIEW!

Addiction and Behavior Addictions

Patterns of Drug Abuse

The Bodies Response

Commonly Abused Drugs

Prevention

Getting Help



ADDICTION

Let's start with the first set of slides



“Chronic disease of brain reward,
motivation, memory, and related
circuitry”



WHAT IS IT?

- X Craving
- X Compulsion
- X Diminished capacity to recognize consequences
- X Loss of pleasure
- X Progressive
- X Relapse
- X Warning Signs



BEHAVIOR ADDICTIONS

- X Pathological Gambling
- X Hypersexual disorder
- X Compulsive spending
- X Addiction to technology



COMMON DRUG USE PATTERNS



Overall
Male or Female?

Age

Race

Geography



PUT THE DRUGS IN MOST USED TO LEAST USED BY COLLEGE STUDENTS

Guess:

Cocaine

Non medical prescription medication

Marijuana

Inhalants

LSD

Ecstasy

Correct:

Marijuana 3x the average

Non medical prescription drugs

Cocaine

Ecstasy

LSD

Inhalants

2.

BODY RESPONSE



INITIAL EFFECTS

- X Dopamine
- X Euphoria
- X Brain produces less over time



CHRONIC DRUG USE

- X Tolerance
- X Addiction
- X Dependence
- X Withdrawal

3.

COMMONLY ABUSED DRUGS



PRESCRIPTIONS AND OVER THE COUNTER

X How:

- Incorrect Doses
- Medication at the wrong time
- Forgetting medication
- Failing to take all the medication

X Opioids: Prescription pain medications

- Nausea, constipation, respiratory distress, coma, and death
- Primary Cause of Overdose



OTC DRUGS

- X Acetaminophen: Liver damage
- X Ibuprofen: diarrhea, vomiting, ulcers, internal bleeding, kidney damage



MARIJUANA

- X Illicit and most used
- X Short Term effects-THC
- X Long Term Effects
- X Addiction: 9% and 25-50%

STIMULANTS

- X Increased heart rate
- X Increased blood pressure
- X Increased alertness
- X “Uppers”
- X What are some types?



CAFFEINE

- X Most popular psychoactive drug
- X Dosage varies (9 hershey's kiss, 95-200 coffee, 130 exedrine)
- X Risks
 - Miscarriage**
- X Withdrawal



COCAINE

- X Coca leaves
- X CNS stimulator
- X Effects few minutes–a few hours
- X Decrease appetite
- X Side effects



AMPHETAMINES

- X Increase concentration
- X Resembles cocaine
- X Risks



METHAMPHETAMINE

- X Prescription: One time non refillable
- X Short Term effects
- X Long Term Effects



HALLUCINOGENS

- X LSD
- X PCP
- X Psilocybin (Magic Mushrooms)

CLUB DRUGS

- X MDMA (ecstasy)
- X LSD
- X Methamphetamines



DATE RAPE DRUGS

- X GHB
- X Rohypnol
- X Avoidances



INHALANTS

- X More than 1000 household items
- X Effects



DEPRESSANTS

- X "Downers
- X Barbiturates and Benzodiazepines
- X Alcohol
- X Effects



HEROIN

- X Highly addictive
- X Illicit
- X Crosses brain quickly
- X $\frac{1}{4}$ people become dependant
- X Extreme withdrawal lasts about a week



PREVENTION

Parent education

Drug Testing

Public Awareness

GETTING HELP

12 step programs

Clinical options

You must first accept the
problem and WANT help