



GAS STATION PHARMACOLOGY
COMMONLY USED DRUGS IN THE GRAY
ZONE OF LEGALITY AND SAFETY

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DISCLOSURE

I HAVE NO CONFLICTS OF INTEREST TO REPORT AND I INTEND TO REFERENCE UNLABELED/UNAPPROVED USES OF DRUGS AND PRODUCTS IN MY PRESENTATION.



WHAT IS A "GAS STATION DRUG"?

- Legal ambiguity
- Addictive potential
- No FDA oversight

COMMON GAS STATION DRUGS

Tianeptine (Tianaa, Za Za)	Kratom	Delta-8-THC, delta-10-THC	Synthetic cannabinoids/spice
Phenibut	Bath salts	Cold/flu medicines	Sexual enhancers

OPIOID-LIKE



KRATOM

- MU-OPIOID PARTIAL AGONIST
- USE FOR SELF-WITHDRAWAL MANAGEMENT
- SOUTHEAST ASIA - THANG, KAKUAM, THOM, KETUM, AND BIAK



TIANEPTINE

- STRUCTURALLY SIMILAR TO TRICYCLICS
- MU-OPIOID PARTIAL AGONISM
- WITHDRAWAL SYNDROME



LOPERAMIDE

- PERIPHERAL MU-OPIOID AGONIST
- CROSSES BLOOD BRAIN BARRIER AT HIGH DOSE



CANNABIS-LIKE



DELTA-8-THC

SYNTHETIC CANNABINOIDS/MOJO



- COMMON BRANDS:**
- SPICE
 - K2
 - SCOOBY SNAX
 - NINJA
 - YUCATAN
 - **MANY OTHERS**

- PSYCHOTROPIC
- VAPING
- CHEMICAL VARIATION



SEDATIVE/HYPNOTIC-LIKE

PHENIBUT

- GABA-B AGONIST AND GABAPENTINOID
- "NOOTROPIC"

COMMON BRANDS:

- SLEEP WALKER
- RED DAWN
- ANVIFEN
- FENIBUT
- NOOFEN
- LIFTMODE



KAVA



- FROM PIPER METHISTICUM SHRUB
- POTENTIATES GABA-A RECEPTOR



AMANITA MUSCARIA



- AKA FLY AGARIC AND FLY AMINITA

ALCOHOL



STIMULANT-LIKE

SYNTHETIC CATHINONES (BATH SALTS)

- KHAT PLANT
- PSYCHOTGENIC
- EXCITED DELIRIUM



CAFFEINE/ENERGY DRINKS



- 85% OF US POPULATION CONSUMES DAILY
- SAFE AMOUNT- UP TO 400MG
- TOLERANCE VARIES



PSEUDOEPHEDRINE



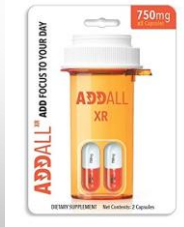
- STIMULATES ALPHA AND BETA ADRENERGIC RECEPTORS



“ADDALL XR”



- B VITAMINS
- CAFFEINE
- GABA
- BACOPA MONNIERI



NICOTINE



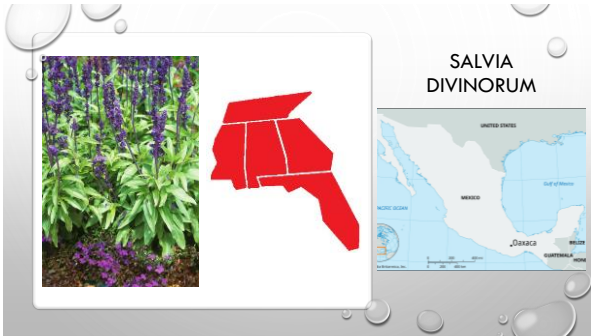
PCP/KETAMINE-LIKE

OTC COUGH

- DEXTROMETHORPHAN (DXM)
- NMDA ANTAGONIST
- STREET NAMES: CCC, DEX, DXM, POOR MAN'S PCP, ROBO, ROJO, SKITTLES, TRIPLE C, VELVET









SEXUAL ENHANCEMENT



- ROYAL HONEY
- RHINO PRODUCTS



DIPHENHYDRAMINE



BUG SPRAY

- PAPER ROUTE, WASPING, KD, KATIE, ZOMBIE





QUESTIONS?
