

Mo Bureau of Narcotics and Dangerous Drugs

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PRESCRIPTION DRUG ABUSE IN MISSOURI

Compass Prevention

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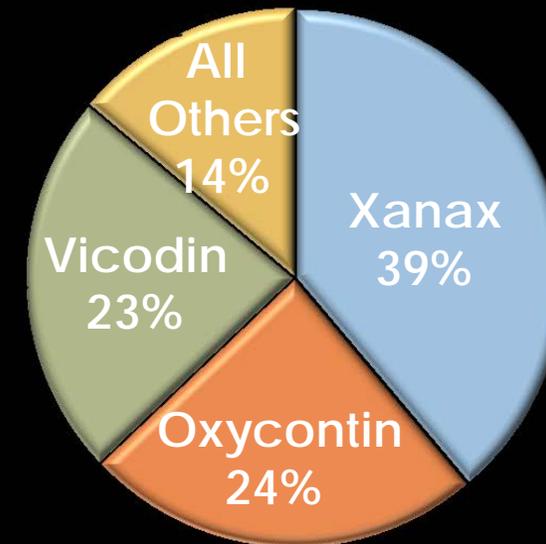
National Drug and Alcohol Fact Week

PRESCRIPTION DRUGS ABUSED

Most Abused Rx Medications

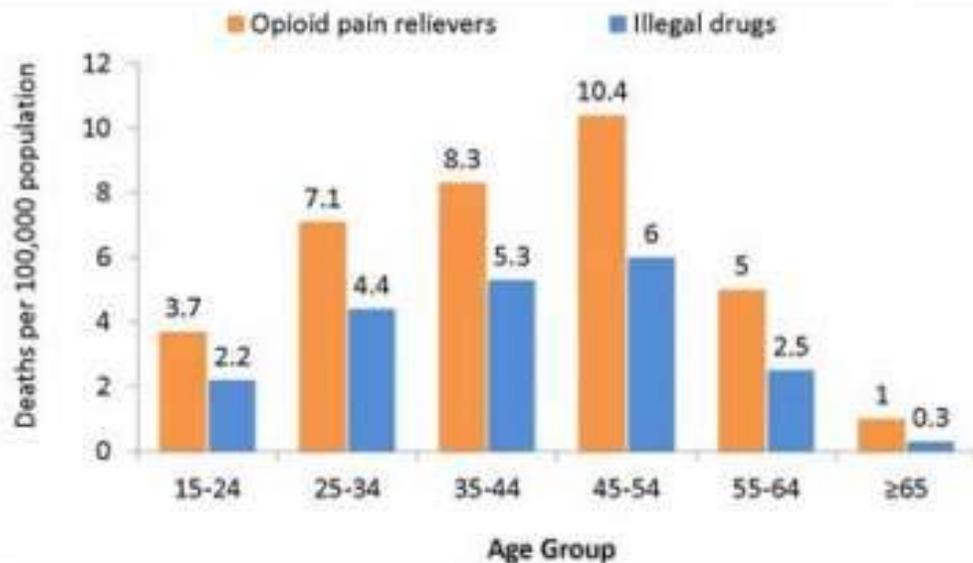
- Stimulants such as Dexedrine, Adderall, Ritalin, & Concerta
- Sedatives, anxiolytics, and other depressants such as Xanax & Valium
- Pain medications such as Vicodin & Oxycontin (Opioids)

MO Div. of Alcohol and Drug Abuse, Treatment Admissions 2012 (DMH)



MISSOURI DRUG ABUSE FACTS

Deaths from Opioid Pain Relievers Exceed Those from All Illegal Drugs



Source: CDC, Morbidity and Mortality Weekly Report, 60(43): 1489, 2011.

- Missouri has the **Seventh** Highest Drug Overdose Mortality Rate in the United States (17 per 100,000; *Prescription Drug Abuse: Strategies to Stop the Epidemic*)
- Missouri Scored **Three** out of 10 on New Policy Report Card of Promising Strategies to Help Curb Prescription Drug Abuse
- More Rx drug abuse admissions for treatment are women (46%), compared to non-Rx drug abuse admissions (31%)

Missouri findings from the Trust for America's Health (TFAH), report include:

No. Indicator

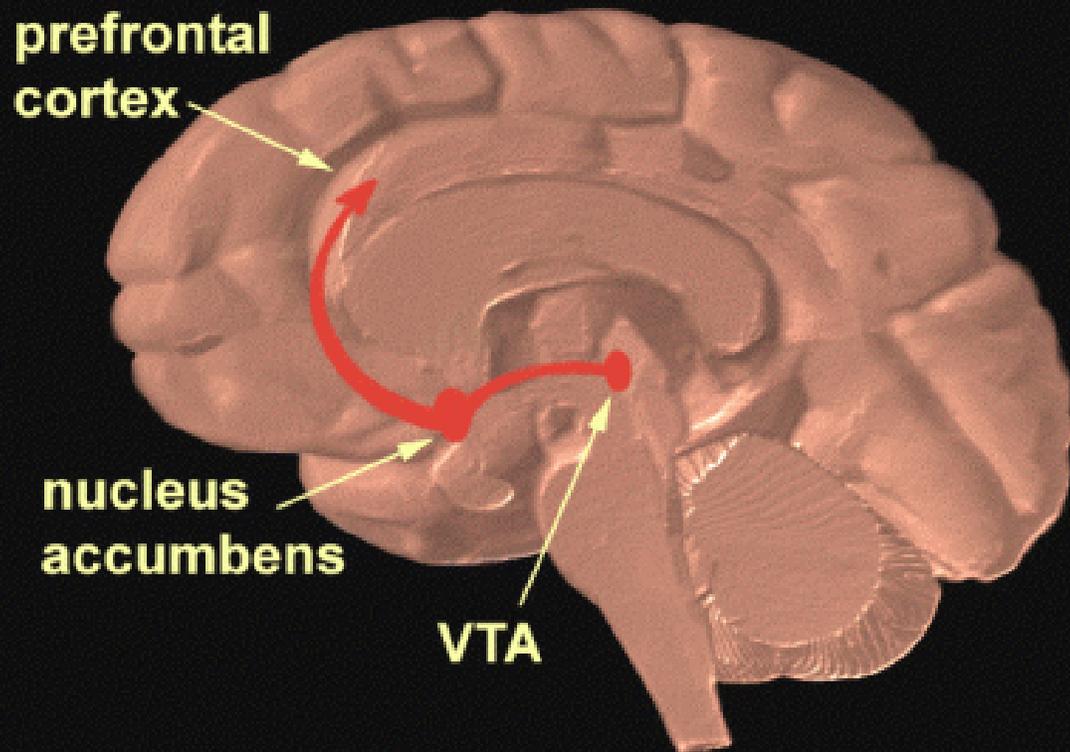
Number of States Receiving Points

- | | | |
|----|---|------------------------------------|
| 1 | Existence of Prescription Drug Monitoring Program (PDMP): Has an active program | 49 states do; MO FAILED |
| 2 | PDMP: Requires mandatory utilization by prescribers | 16 states do; MO FAILED |
| 3. | Doctor Shopping Laws: <i>Has a law specifying that patients are prohibited from withholding information about prior prescriptions from their healthcare provider</i> | 50 states do and D.C. YEAH MO |
| 4 | Support for Substance Abuse Treatment Services: Participating in Medicaid Expansion, which helps expand coverage of substance abuse services and treatment | 24 states do and D.C., MO FAILED |
| 5 | Prescriber Education Required or Recommended | 22 states do, MO FAILED |
| 6 | Good Samaritan Laws: Has a law to provide a degree of immunity or mitigation of sentencing for individuals seeking to help themselves or others experiencing an OD | 17 states do and D.C., MO FAILED |
| 7 | Rescue Drug Laws: Has a law to expand access to, and use of naloxone, a prescription drug that can help counteract an overdose, by laypeople | 17 states do and D.C., MO FAILED |
| 8 | Physical Exam Requirement: <i>Has a law requiring healthcare providers to physically examine patients or have a bona fide patient-physician relationship before prescribing a controlled substance</i> | 44 states do and D.C. YEAH MO |
| 9 | ID Requirement: Has a law requiring or permitting a pharmacist to require an ID prior to dispensing a controlled substance | 32 states do; MO FAILED |
| 10 | Lock-In Programs: <i>Has a pharmacy lock-in program under the state's Medicaid plan where individuals suspected of misusing controlled substances must use a single prescriber and pharmacy</i> | 46 states do and D.C. YEAH MO |

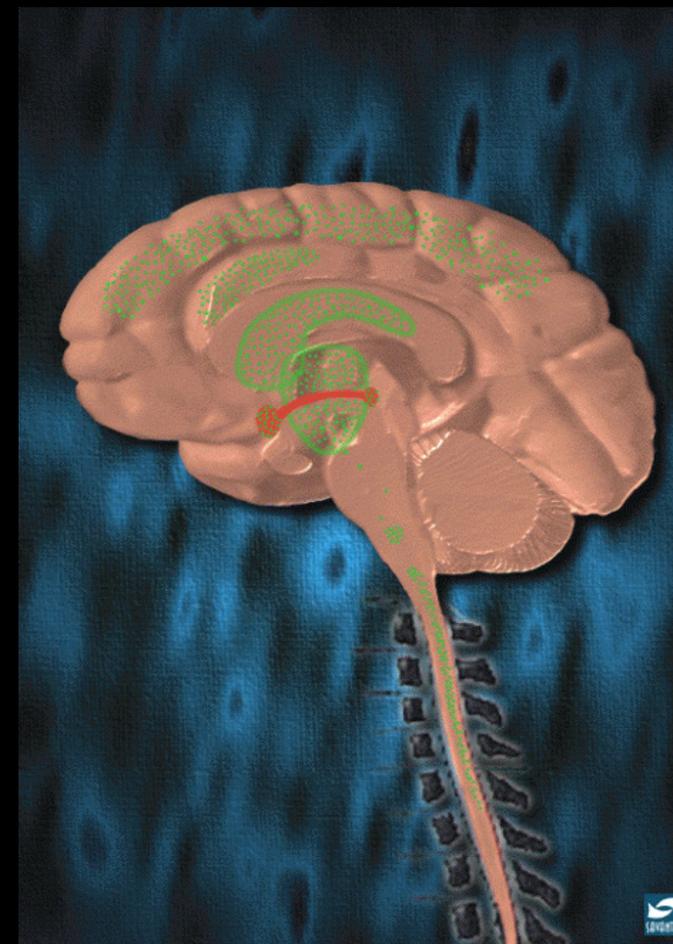
Total for MO

Three

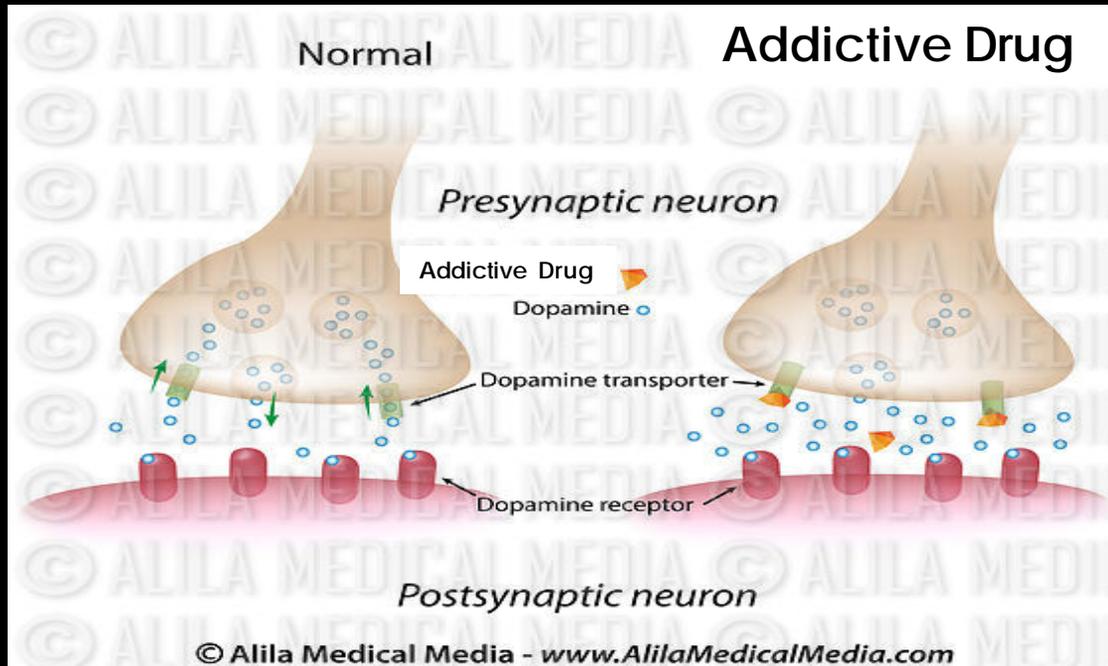
Brain's Reward (Addiction) Pathway



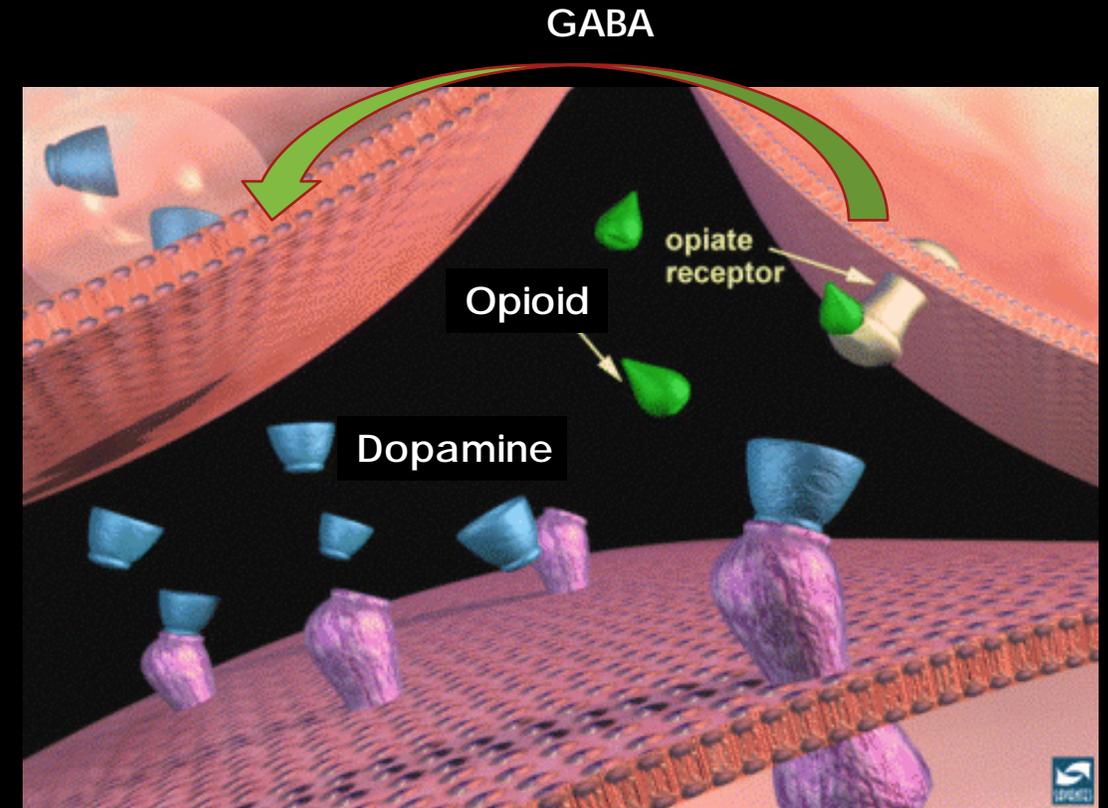
Opiate Receptors



Brain Chemistry of Addiction



Brain Chemistry of Opioids



Dependence



Addiction



DEADLY CYCLE

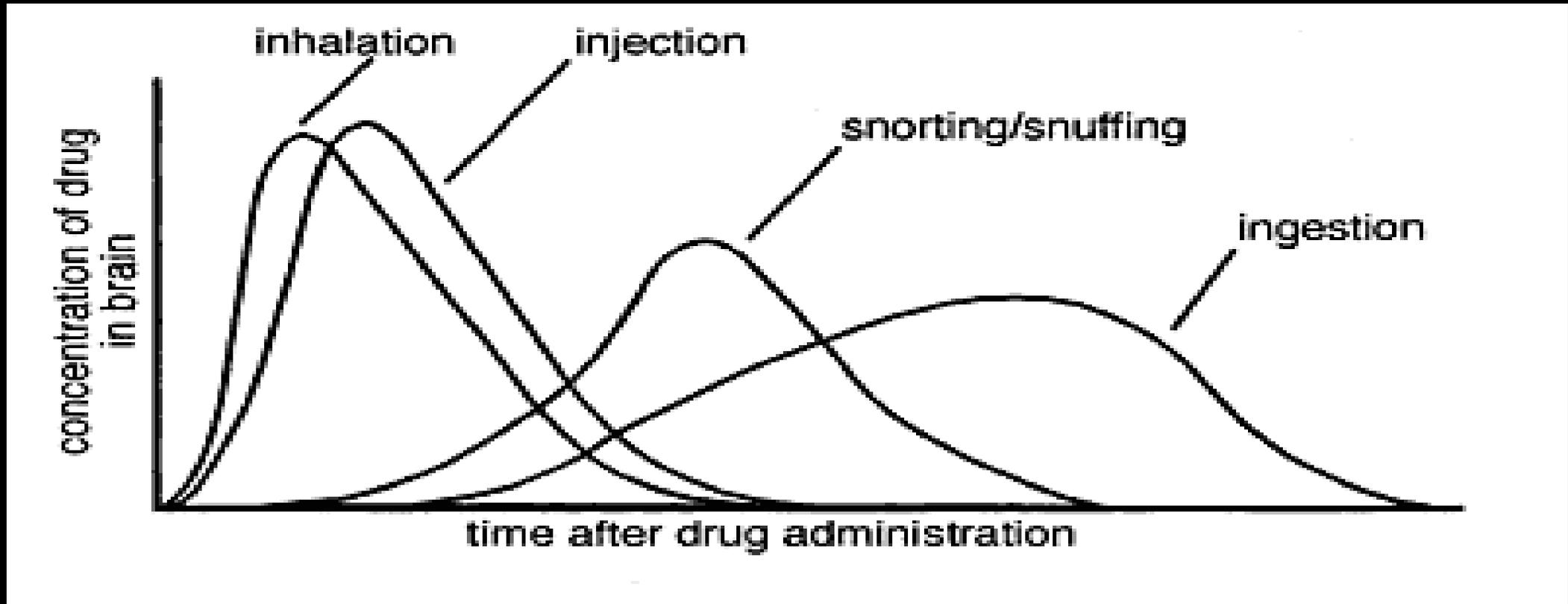


Tolerance



Withdrawal

DRUG ADMINISTRATION

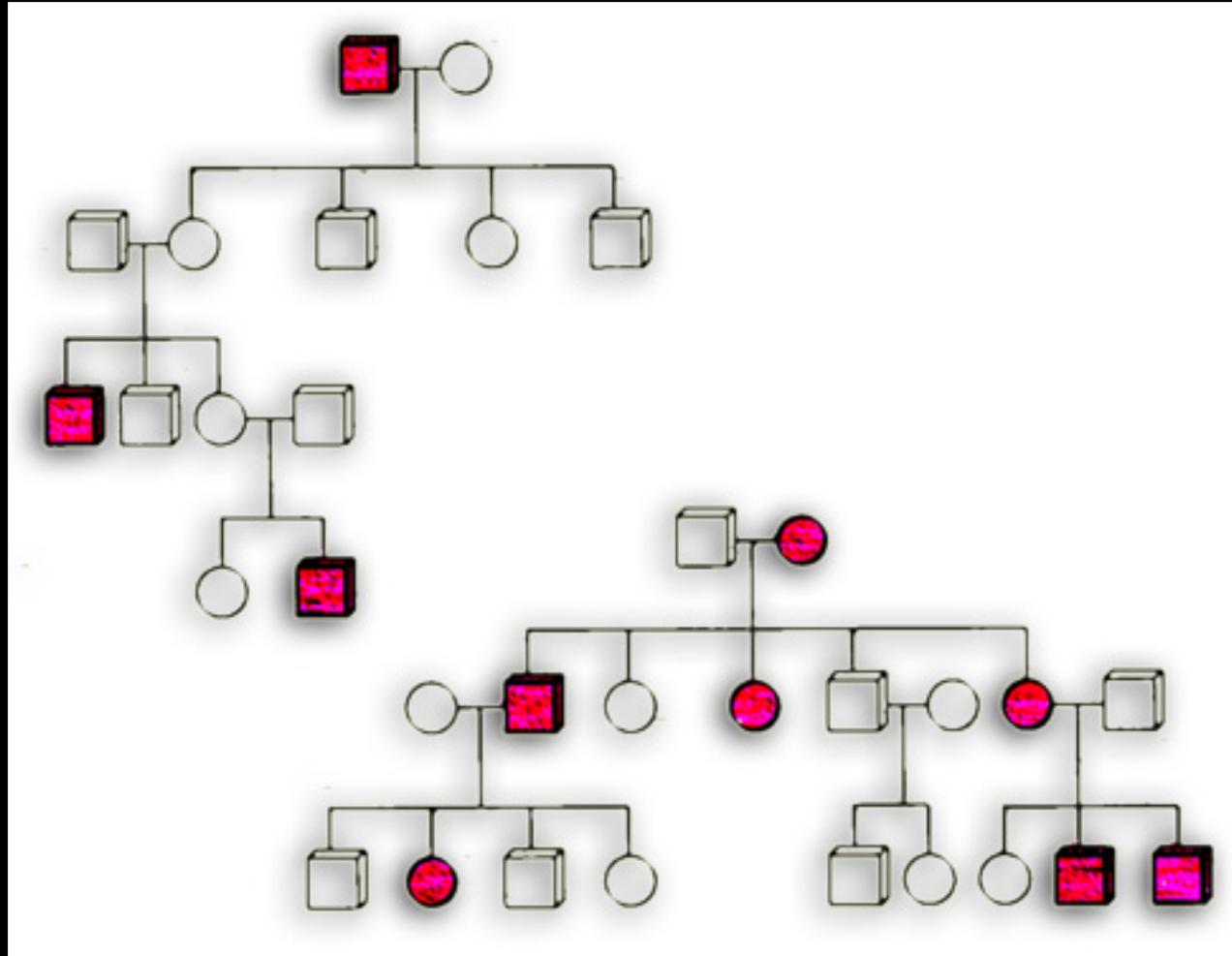


Heroin



Rx Opioid

A TYPICAL ADDICTION FAMILY TREE



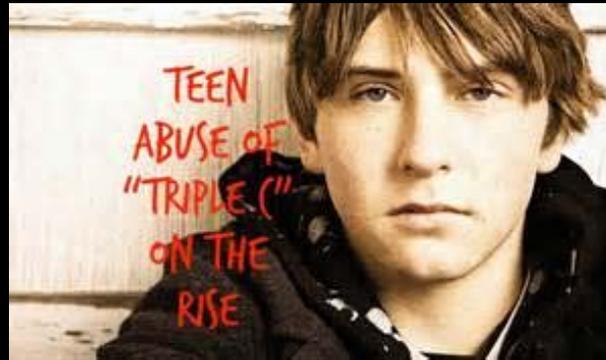
White: Healthy

Red: Addiction

- Triple Cs
- CCC
- Dex
- Robo
- Skittles
- Tussin

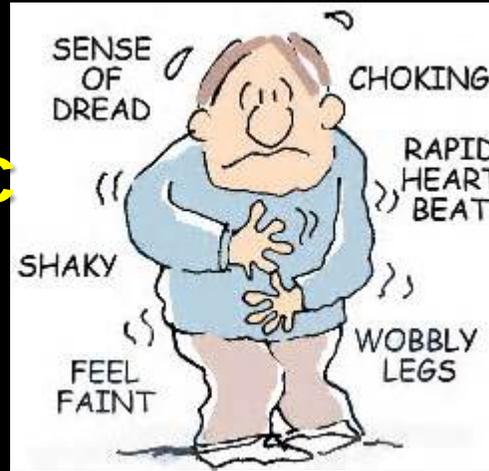


- PCP
- Angel Dust
- Ketamine

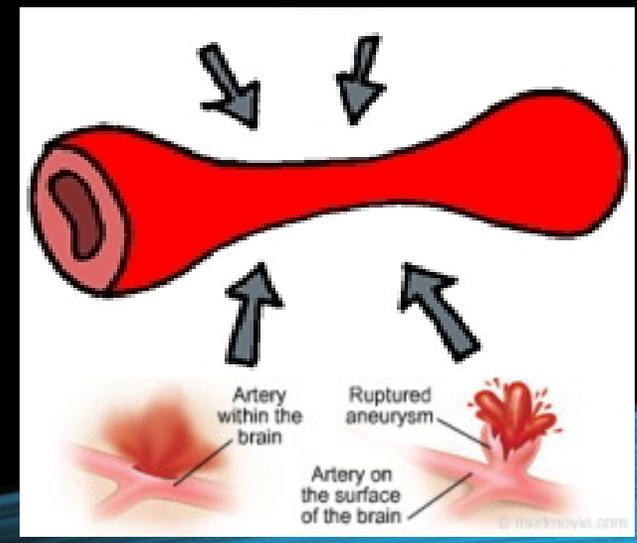


Coughs & Cold OTC Medications: Dextromethorphan

- Ephedra plant
- Sympathomimetic
- Amphetamine



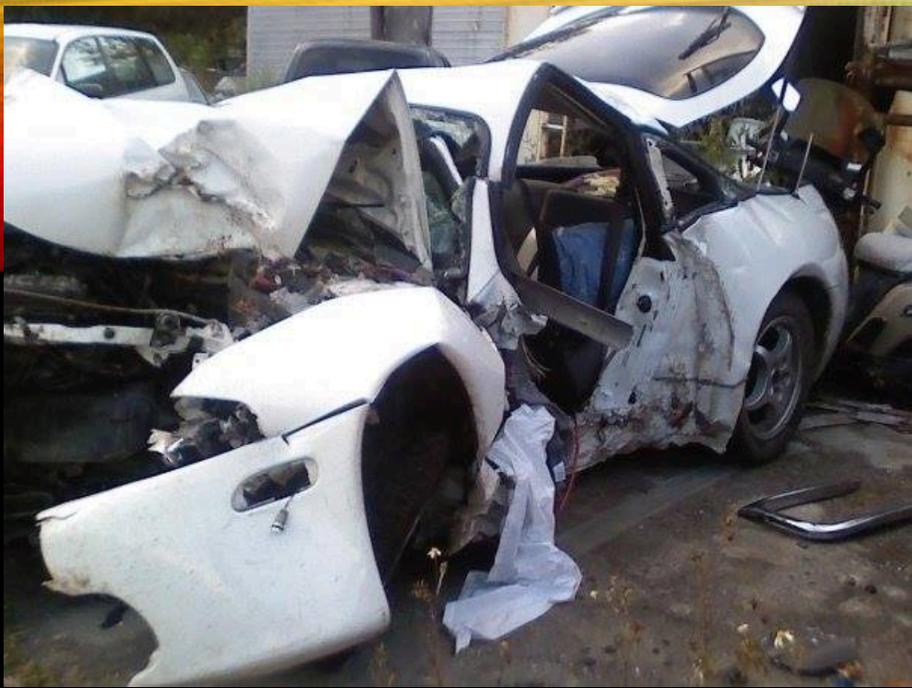
- CNS Stimulant, Insomnia
- Anxiety, Heart palpitations
- Hallucinations
- Psychosis
- Stroke



Allergy Meds: Pseudoephedrine



*Sara,
Alicia, &
Nikki*







Sara is my daughter

DETERRA DRUG DEACTIVATION SYSTEM





