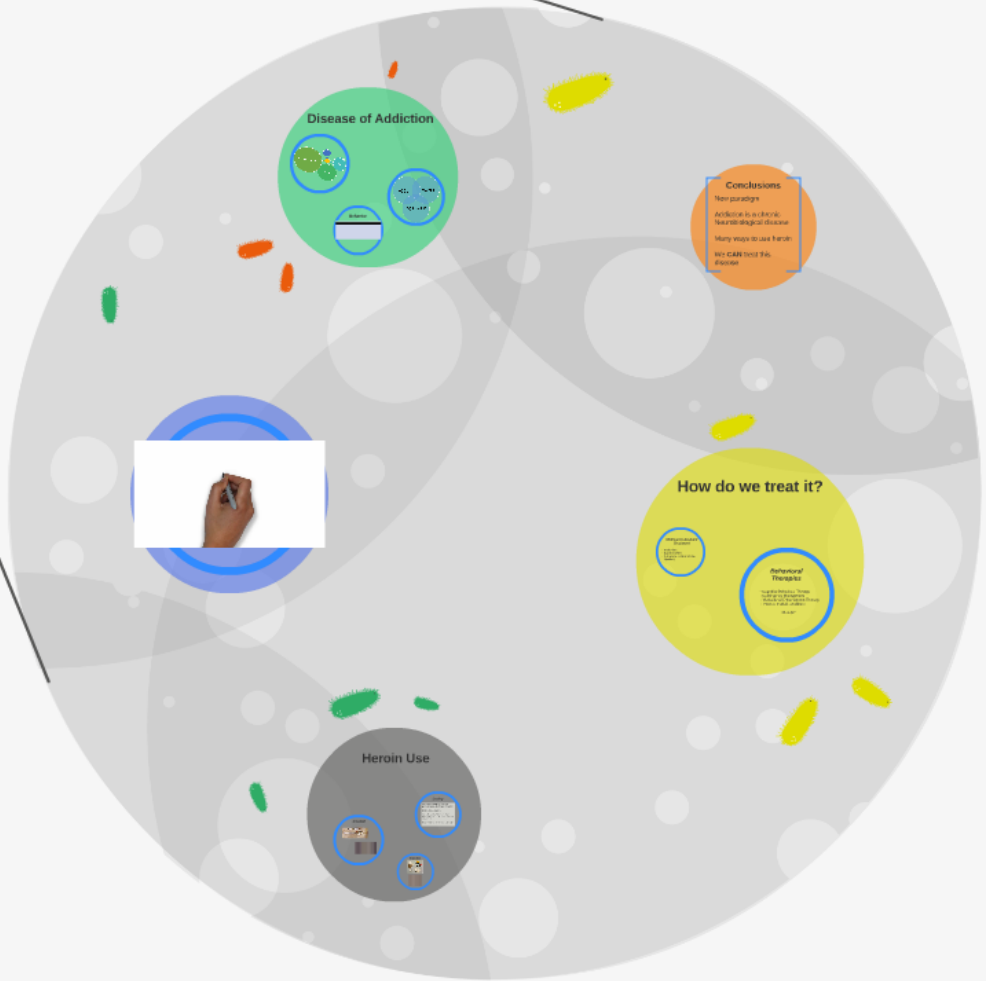
Opioid Addiction

R. Corey Waller MD, MS



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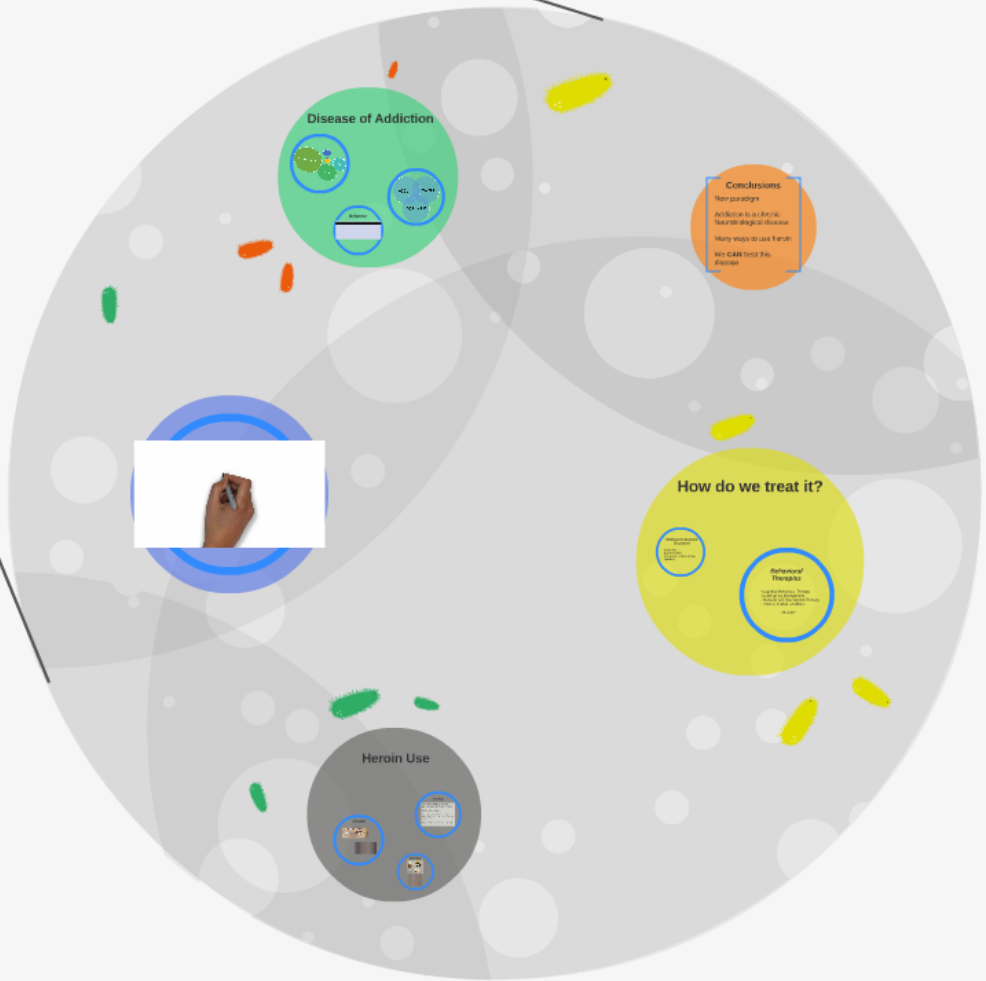
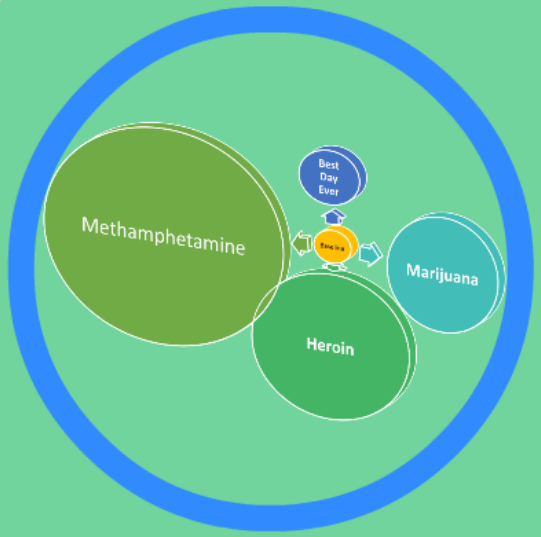
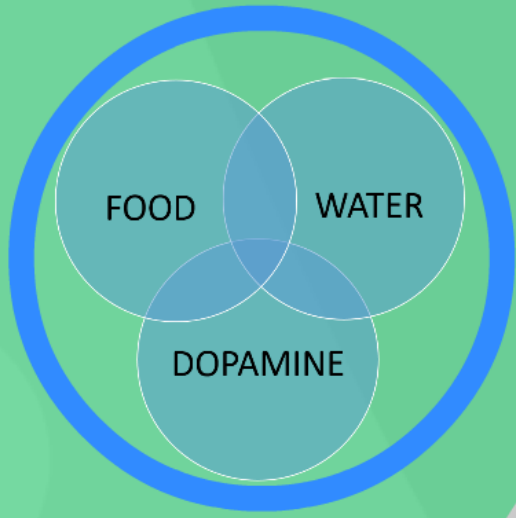
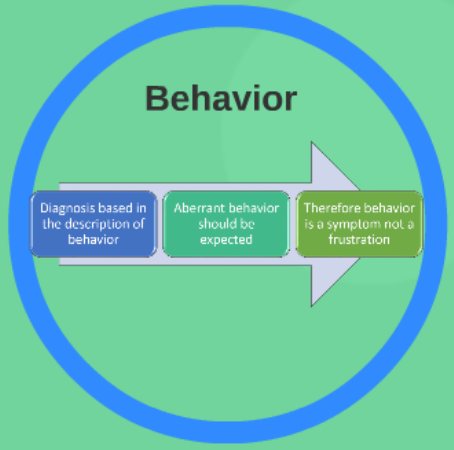
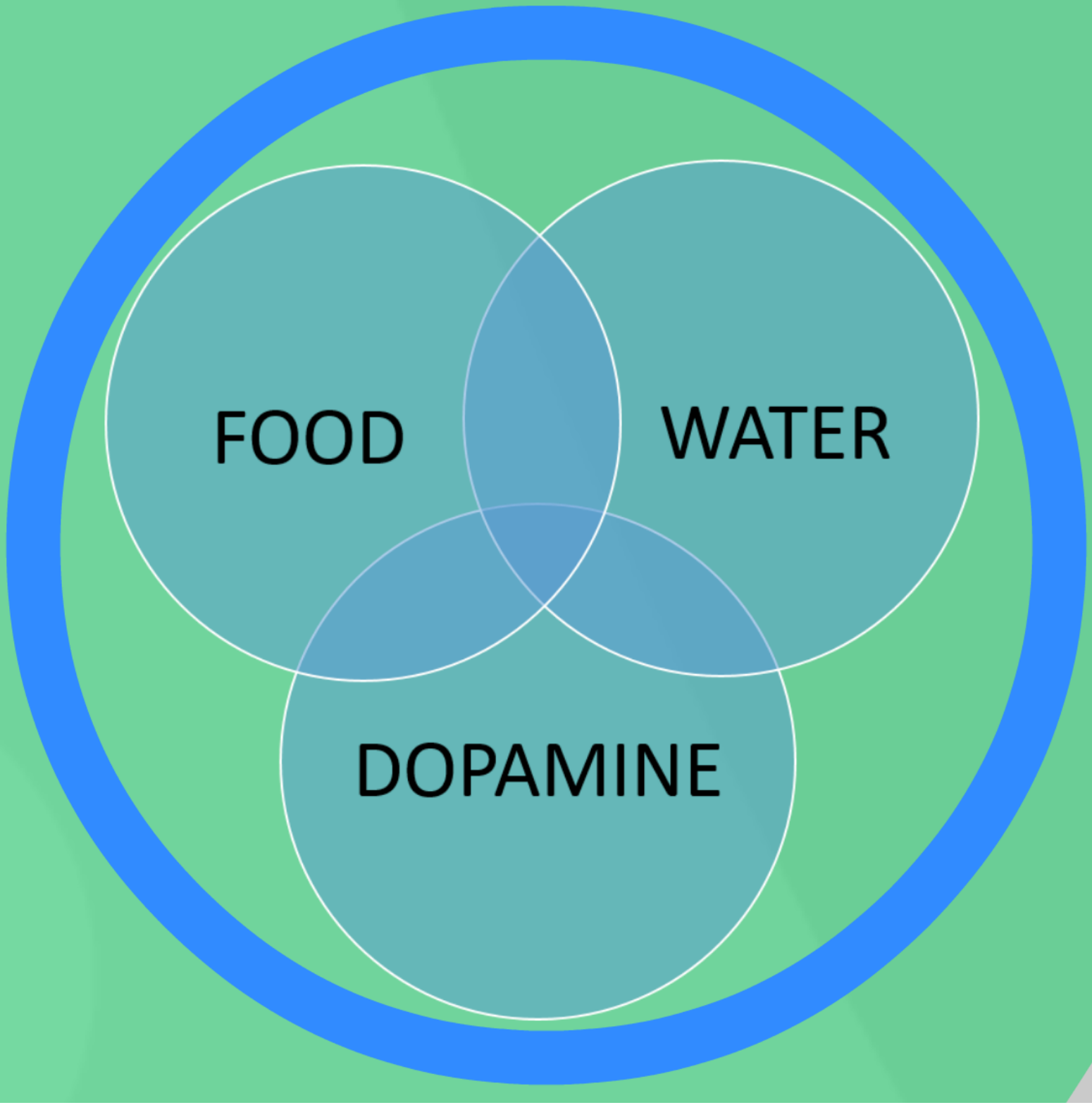


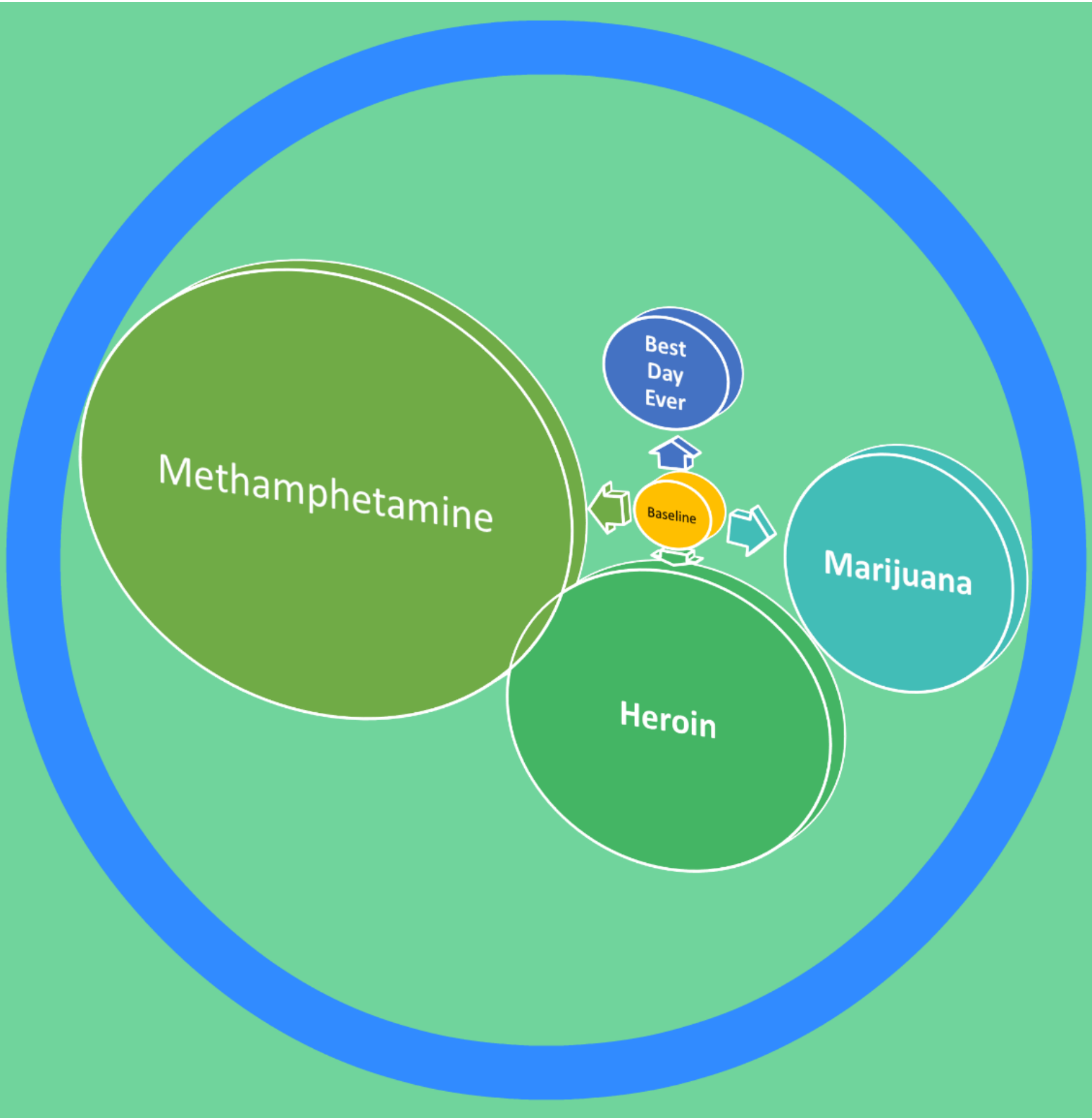
Disease of Addiction



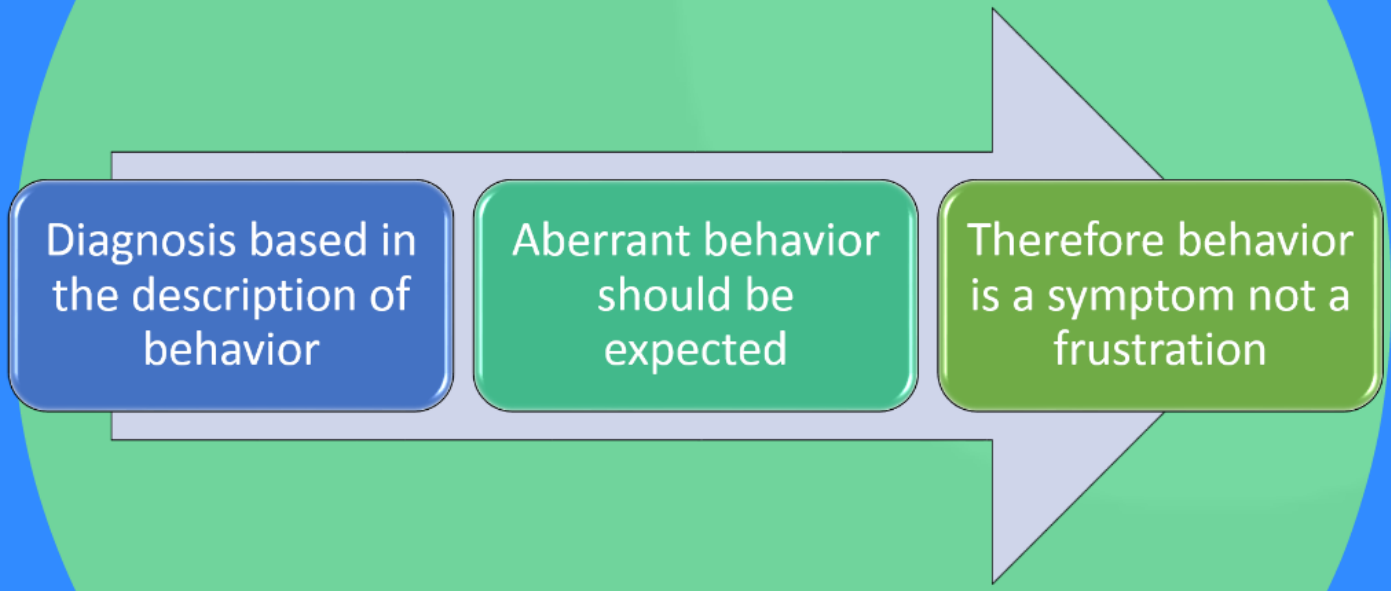





FOOD
WATER
DOPAMINE


Best
Day
Ever
Methamphetamine
Baseline
Marijuana
Heroin

Behavior


Diagnosis based in the description of behavior
Aberrant behavior should be expected
Therefore behavior is a symptom not a frustration

Heroin Use

Dosing

1 dime bag = about 0.1 gram and generally equals 10-20 mg of morphine

10 dime bags = 1 gram

They will use 3 to 8 times per day depending on purity, tolerance and what it is cut with.

Most people will use 1/2 to 1 gram a day

Smoked

Injected

Injected

Smoked

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How do we treat it?

Medication Assisted Treatment

- Methadone
- Buprenorphine
- Naltrexone (Oral or 30 day injection)

Behavioral Therapies

- Cognitive Behavioral Therapy
- Contingency Management
- Motivational Enhancement Therapy
- Treat co-morbid conditions

12-step?

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12-step?

Conclusions

New paradigm

Addiction is a chronic Neurobiological disease

Many ways to use heroin

We **CAN** treat this disease

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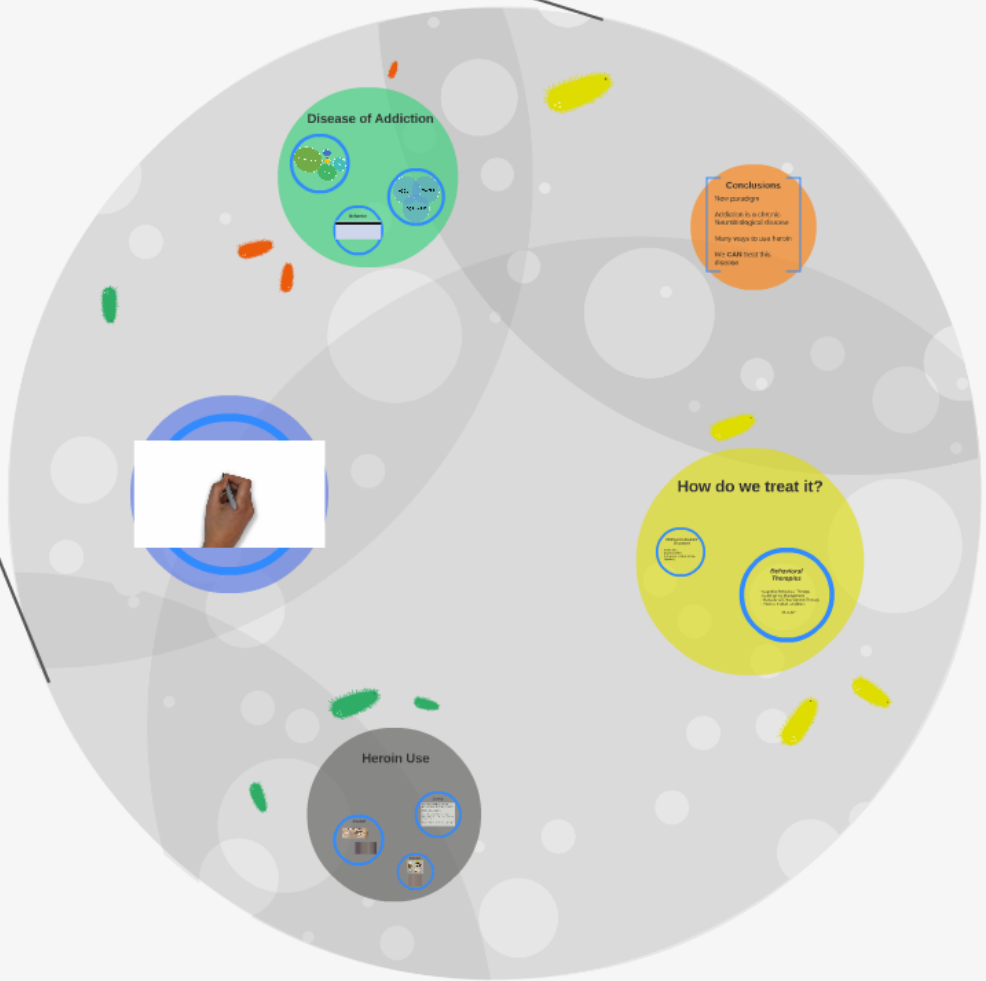
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