SUD Recovery Centers

Genesis Behavioral Services, Inc. and Matt Talbot Recovery Services, Inc.

Psychoeducation Series

Topic: Addiction

(Prepared for and presented to clients)

Addiction:

The Emerging Disease Threatening our Future

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Objective:



To share important information with you about drug addiction.

Knowledge is power.

At **SUD Recovery Centers** we want you to be:

 Educated and informed about substance use disorders and addiction.

The knowledge I will share with you can help you to:

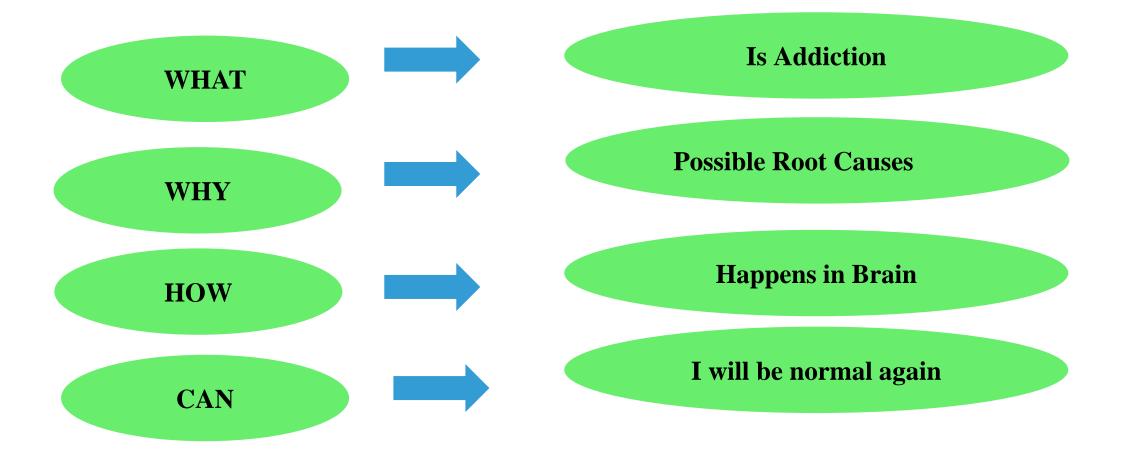
- Discipline yourself.
- Develop willpower.
- Control your life.
- Manage your addiction and to recover.
- Improve the quality of life for you and your loved ones.

Power from knowledge is more important than physical strength.



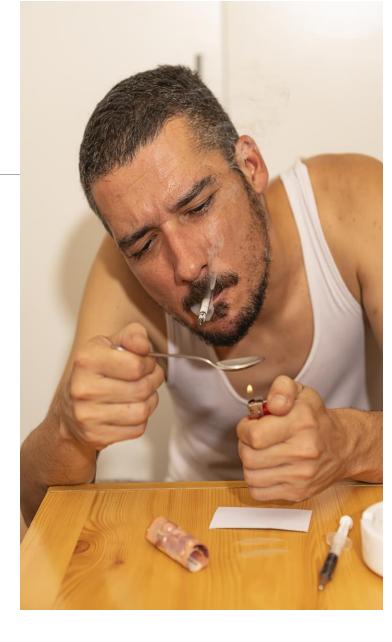
INTRODUCTION





Addiction

- Scientists began study of addictive behavior in 1930s
- ➤ People addicted to drugs considered morally defective, lacking willpower
- These views shaped society's responses to drug abuse
- > Drug abuse treated as a moral weakness rather than health problem
- Current Scientific research shows Addiction is:
 - Complex disease often chronic.
 - Affects specific regions of the brain responsible for reward, motivation, memory and judgment.
 - Has social and genetic components.
- There are several types of addictions and addictive behaviors.





Drug Addiction

- Condition characterized by compulsive drug craving and use.
- ➤ Has harmful psychological, social, physical consequences, including alteration in mental status.
- ➤ It is a chronic, relapsing brain disease.
- ➤ Drugs produce structural and functional changes in the brain.
- Addictive drugs produce long lasting changes in the brain.
- Leads to abnormal psycho-social behaviors in drug abusers.



Substance Use Disorders (SUDs)

Opioid addiction:

- Opioids class of drugs that include pain relievers legally available by prescription.
- Examples: fentanyl, hydrocodone and oxycodone.
- Also include nonprescription illegal drugs such as heroin.
- They are chemically related compounds that interact with opioid receptors in the body to relieve pain.
- They are highly addictive.

Alcohol addiction:

A chronic disease characterized by uncontrolled drinking and preoccupation with alcohol.

• Beer, liquor, etc.

Nicotine/ Tobacco addiction:

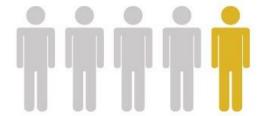
- Nicotine is a chemical ingredient in tobacco and vaping devices
- Is highly addictive.



Epidemiology

Smoking accounts for

1 in 5 deaths



each year in the U.S.

Cocaine involved in deaths:



2017

Alcohol-Related Deaths in the United States

95,000

people die from alcohol-related causes annually.

ource: CDC

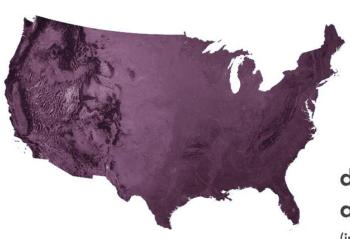
ım more at thinkingDrinking.niaaa.nih.gov



136 PEOPLE

die every day from an opioid overdose

(including Rx and illicit opioids).





Why do some people become addicted to drugs while others don't?

1- Social environmental factors

- A. Home and family.
- B. Friends and school.
- C. Quality of life: education, employment, financial situation.

2- Genetic factors

- A. "Genes that people are born with account for about half of a person's risk for addiction".
- B. Ethnicity and Gender.

Kreek MJ et.al., 2005

Carlson RG et.al., .2016



Why do some people become addicted to drugs while others don't?

3- Mental disorders

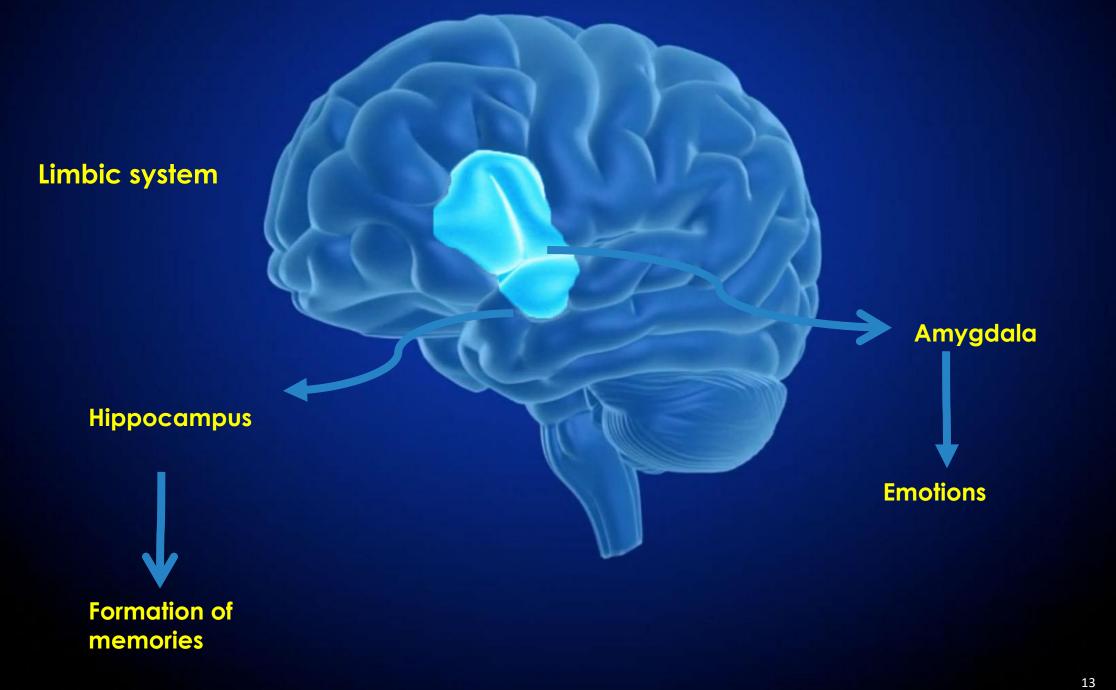
- ➤ Major depressive disorder.
- ➤ Bipolar disorder.
- >Anxiety disorders.
- >Attention-deficit hyperactivity disorder (ADHD).

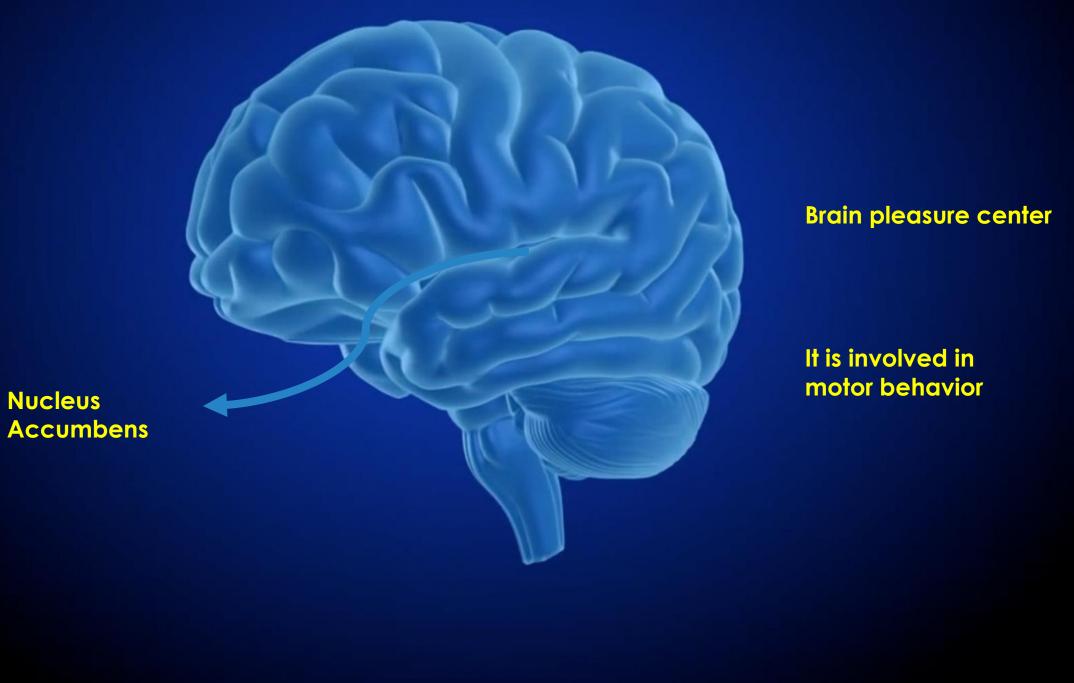
Mackesy-Amiti ME et.al.,2015

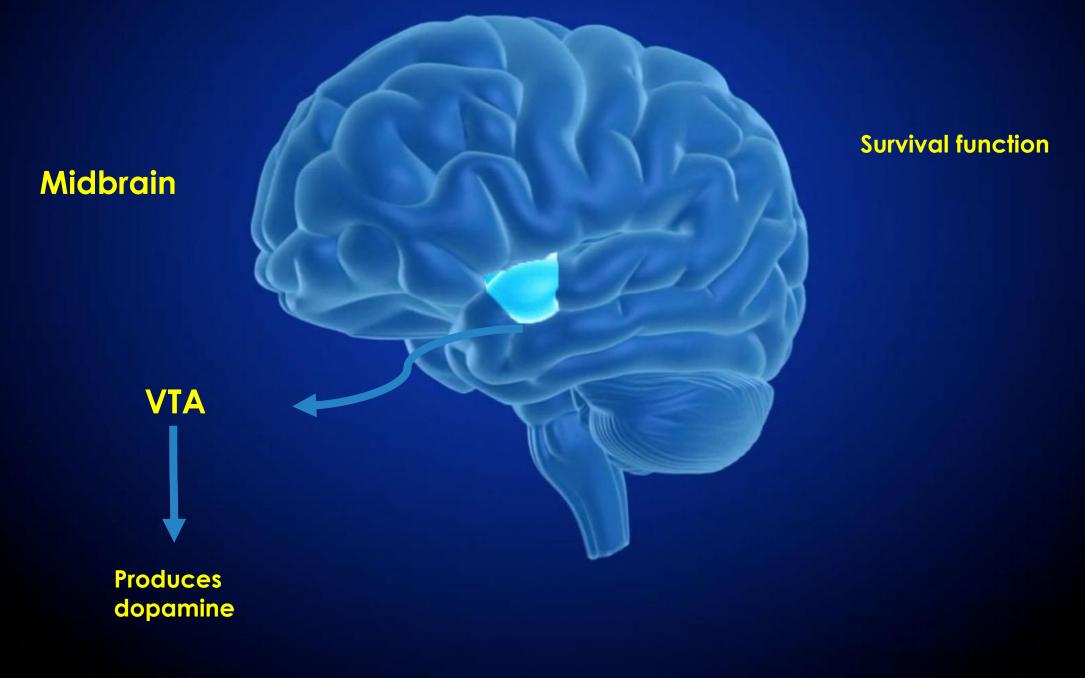
Compton WM et.al.,2015

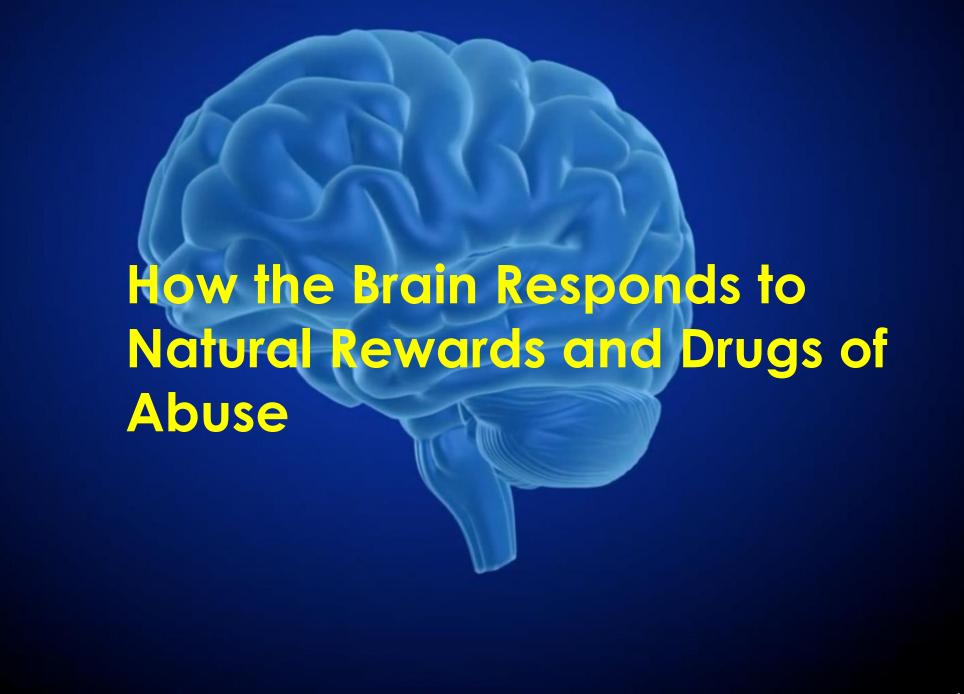




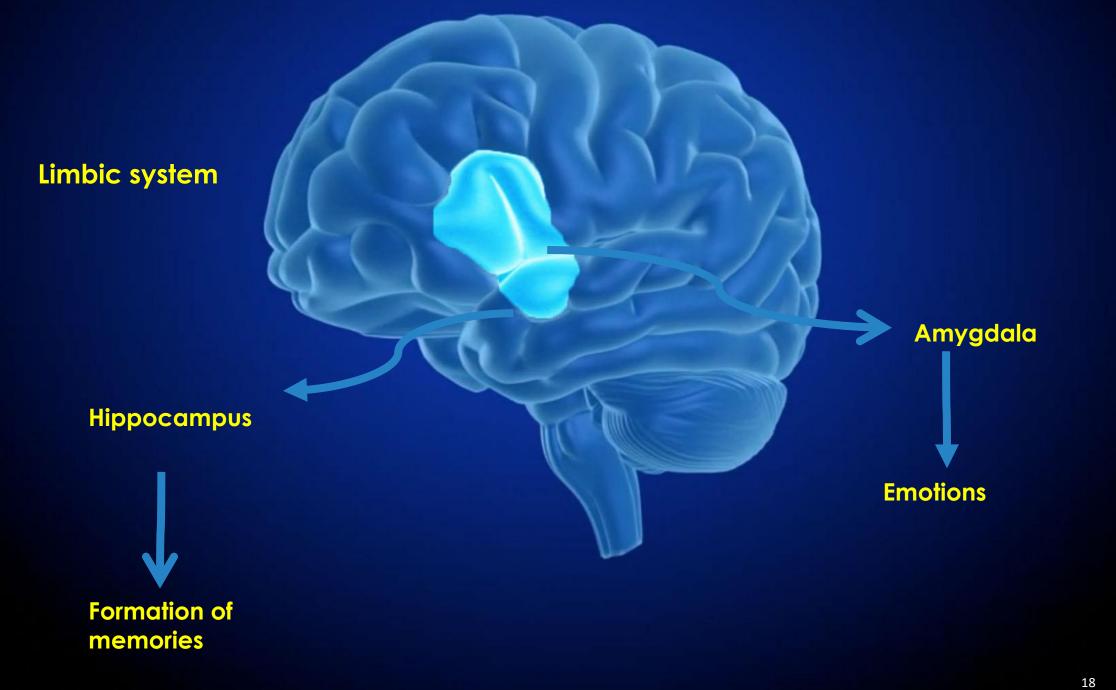


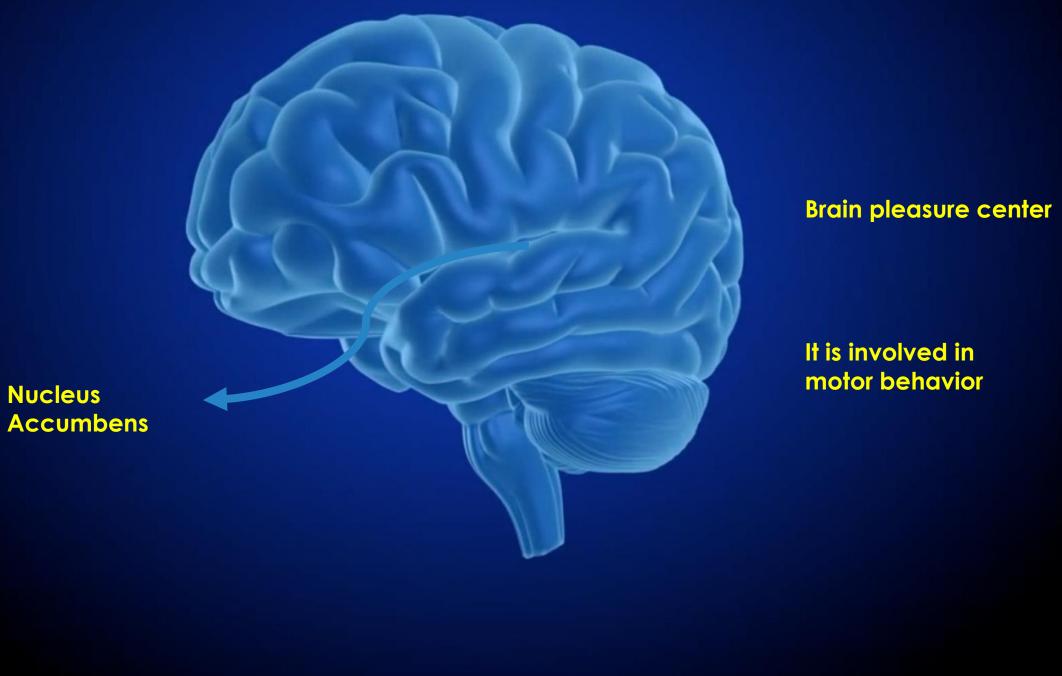




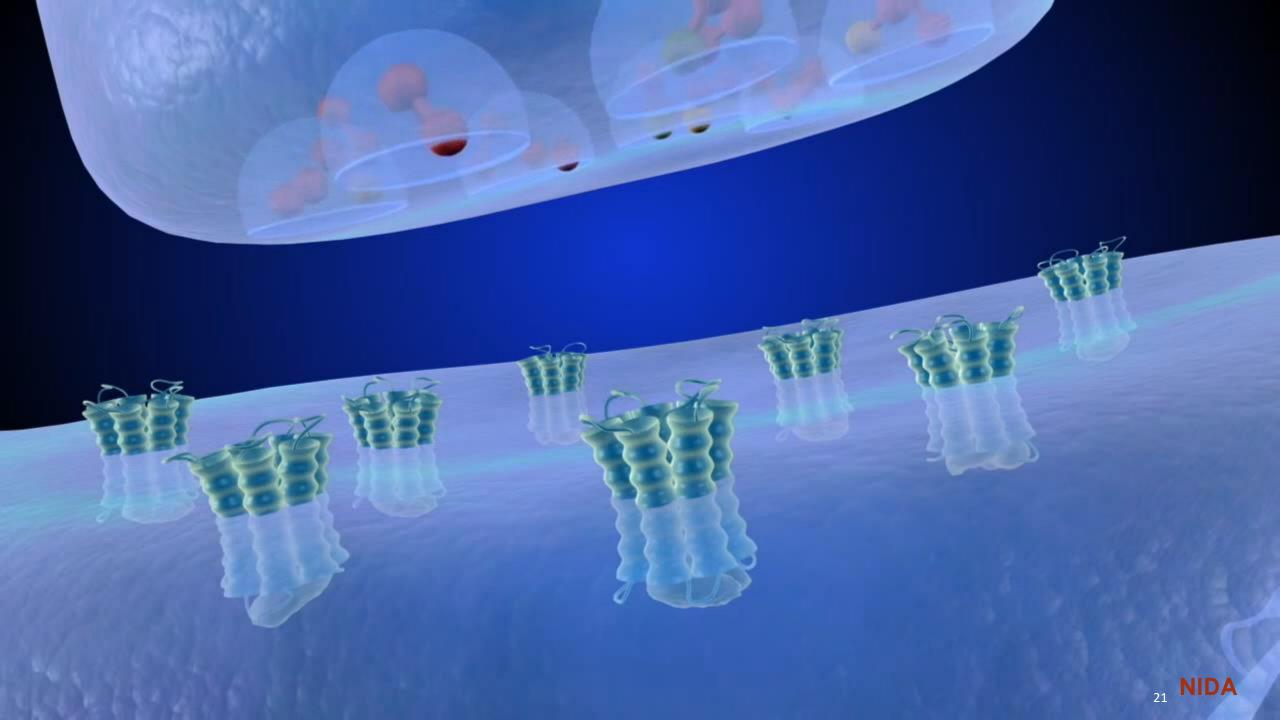


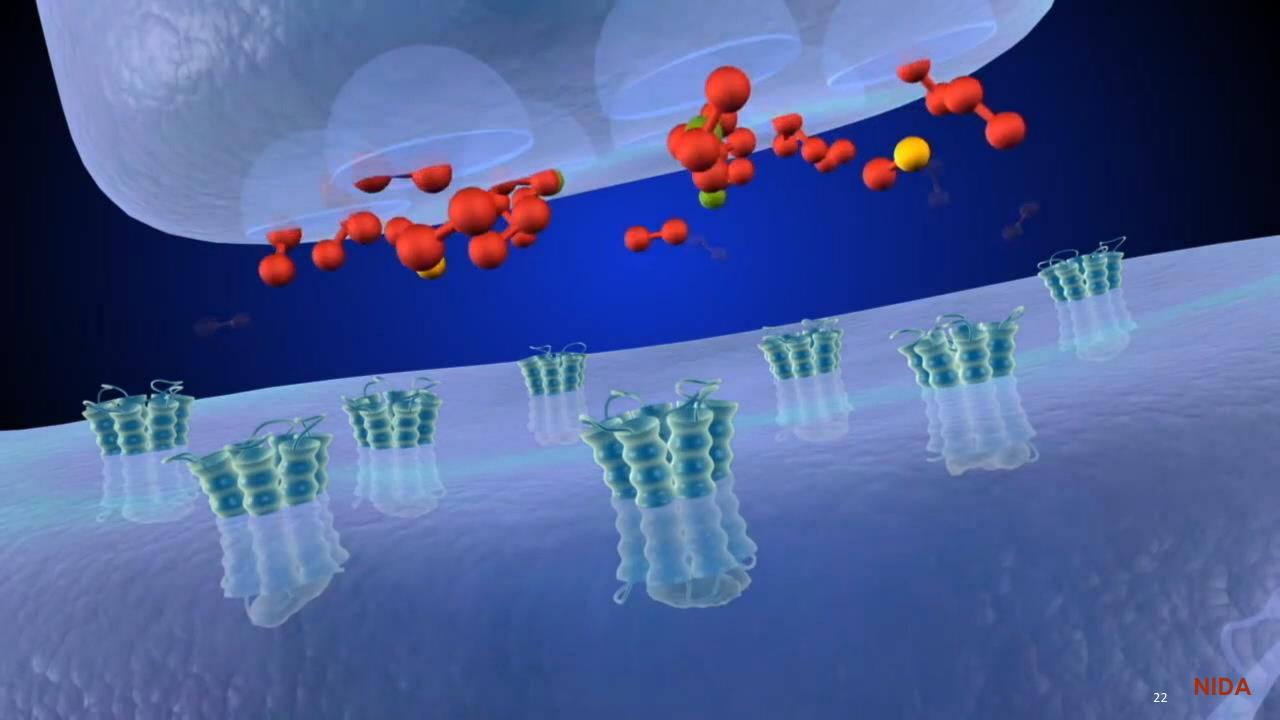


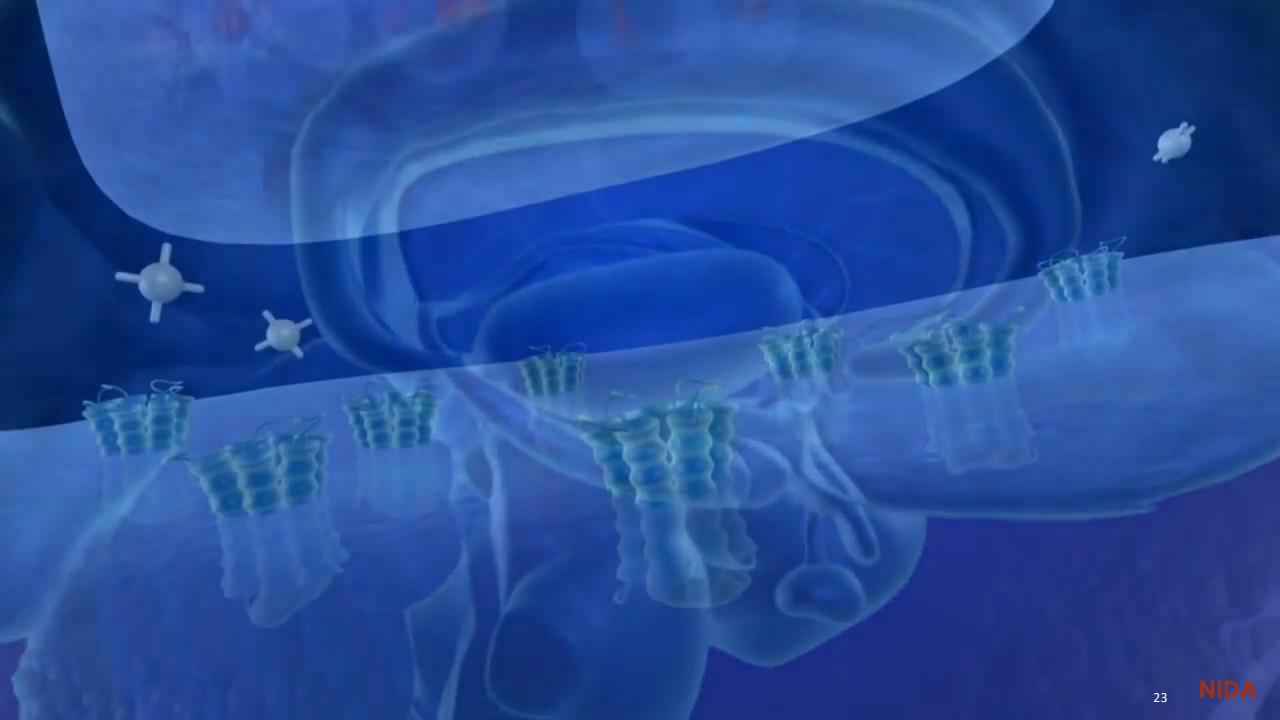














Withdrawal Symptoms

Withdrawal Symptoms vary depending on the type of drug, the amount of time, and the dosage you were taking.

- * Symptoms commonly associated with withdrawal include:
- Mood Change
- ➤ Nausea/Vomiting
- > Change in appetite
- Muscle pain
- Sleeping difficulties
- ➤ Hallucinations/Seizures

Treatment and Reduction Of Addiction



1- Medical interventions (Pharmacotherapies)

A- Opioid addiction:

- > Methadone
- **Buprenorphine**
- > Naltrexone
- **≻**Naloxone

Treatment and Reduction of Addiction



B-Alcohol Addiction

- > Naltrexone
- > Acamprosate
- Disulfiram

Treatment and reduction of Addiction



C- Nicotine/Tobacco Addiction:

- Bupropion (Zyban®)
- ➤ Varenicline (Chantix®)
- ➤ Nicotine Replacement Therapy (NRT):
- ✓ Transdermal nicotine patch
- ✓ Nicotine spray
- ✓ Nicotine gum or Lozenges

Treatment and reduction of Addiction



2- Behavioral and social interventions

- ✓ Promote natural healthy rewards such as social communication, exercise.
- ✓ Relive the patient stress reactivity and negative emotional situations.
- ✓ Help patients to avoid drug-associated environmental cues eg: change their friend's circle.

WHO'S IN CHARGE?

Always Ask yourself and say: "I am!"



Things to Remember

- **Remember**: It is not your fault, it's a disease.
- **Remember**: Educate yourself; be informed.
- **Remember**: You are not alone, seek help when needed.
- **Remember:** Use all the benefits provided at our **SUD** Recovery Centers

It's not your fault.



Please feel free to share your story.

