

What should all psychiatry residents know about treating ADDICTION?

May 21, 2007

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Disclosures

Consultant to

Forest (Campral)

Alkermes/Cephalon (Naltrexone)

What is Addiction/Dependence?

Drug use “out of control”

NOT necessarily

Daily use

Tolerance

Physiological Dependence

Withdrawal

**Why do people take
drugs to excess?**

**Why do they repeatedly
relapse?**

Drug Categories

Nicotine

Alcohol

Marijuana

Anabolic Steroids

Inhalants

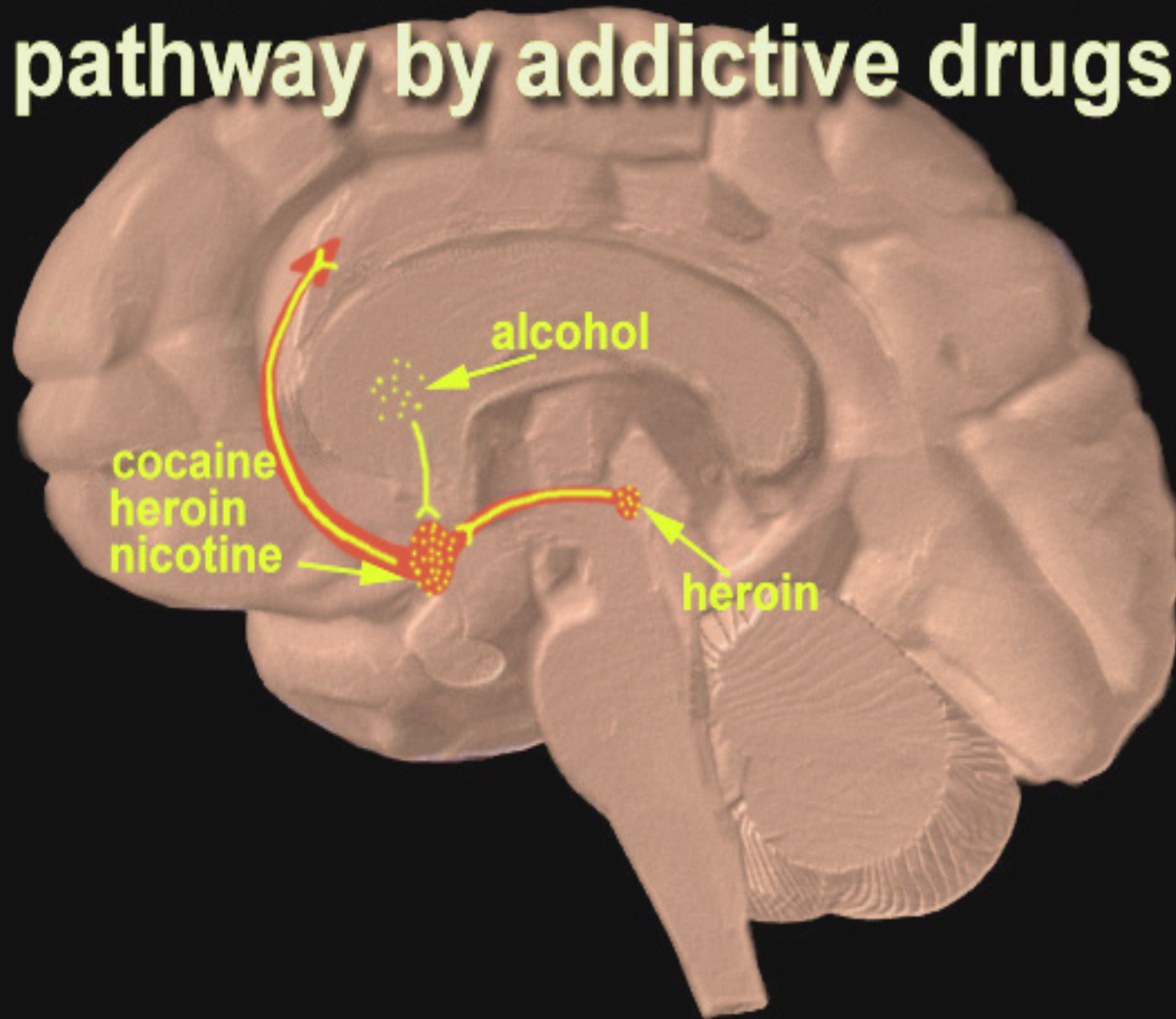
Club Drugs

Stimulants

Sedatives

Heroin

Activation of the reward pathway by addictive drugs



Addiction = Memory

- **Drugs are reinforcers**
- **Pavlov's lab- 1920s**
- **Wikler- 1940s, Lexington**
- **Proneness to relapse after
months to years abstinent**

New Medications

Buprenorphine

Bup/Naloxone (Suboxone)

Varenicline

Naltrexone for alcoholism

Depot Naltrexone

Acamprosate

Modafinil

Topiramate, Baclofen, GVG

Ondansatron

Bupropion

Rimonabant

Dronabinol

Manual Guided Therapies

Cognitive Behavioral (CBT)

Drug Counseling (DC)

Twelve Step Facilitation (TSF)

Motivation Enhancement Therapy (MET)

BRENDA (Biopsychosocial, Nurse)

Interpersonal Therapy (IPT)

Family Therapy

Group Therapy

Best Treatment

- Medications
Plus
- Psychosocial Intervention

Penn/VA Center Team

Arthur Alterman

Wade Berrettini

John Cacciola

Anna Rose Childress

James Cornish

Charles Dackis

Ronald Ehrman

Teresa Franklin

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