

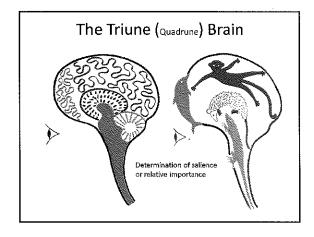
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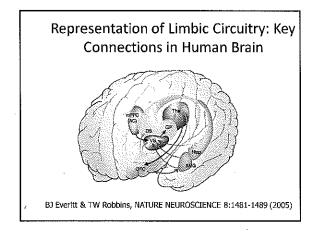
- Huey Lewis and the News

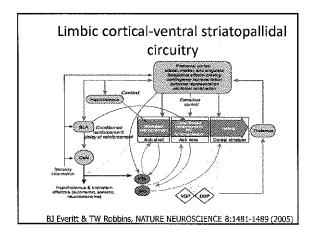
- · One that won't make me sick
- · One that won't make me crash my car
- Or make me feel three feet thick
- I want a new drug
- One that won't hurt my head
- One that won't make my mouth too dry
- · Or make my eyes too red
- · One that won't make me nervous
- Wondering what to do
- One that makes me feel like I feel when I'm with you
- · When I'm alone with you

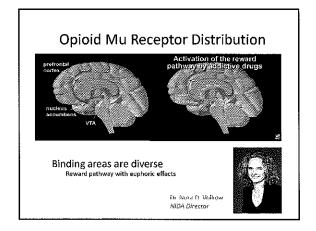


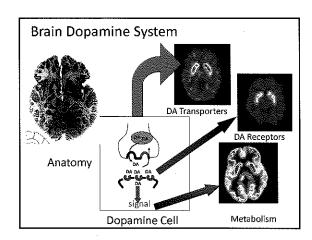
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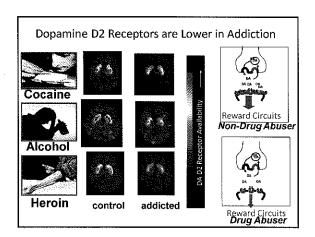


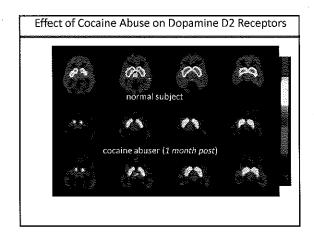




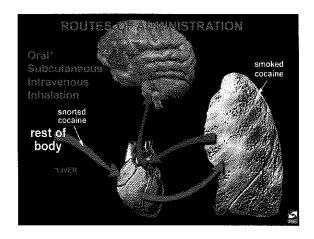


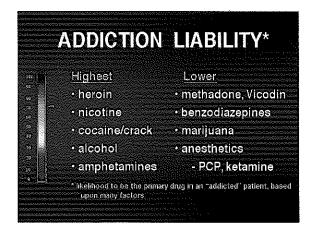


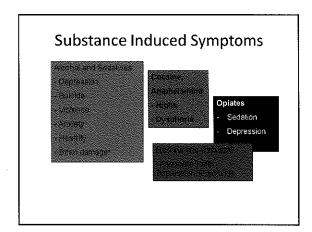


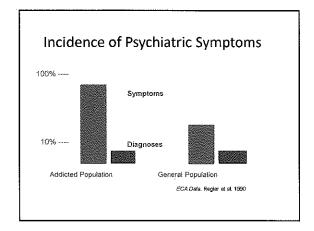


	ngitudinal Progre ubstance Use Dis	
	ral Context - Consequences	s of Use, Abuse, Compulsive Use the drug
Vulnerable Individual	Neuro- adaptation (Dependence)	Complications/ Consequences
Biologic		Social
Psychological Social		Neuropsychiatric Medical





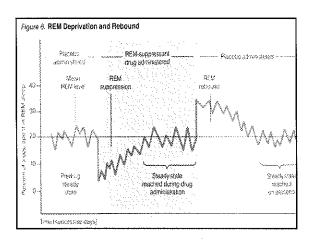




					Disorders Disorders
У÷.			Lifetim	e Prevalence R	ates
15.4	DIAGN	OSIS	ANY	ALCOHOL	DRUGS
140 A	SCHIZO	PHRENIA CIAL	47 % 83.6	33.7	27.5
	ANXIET	Y DIS.	23.7	17.9	11.9
(10 €	Phob	as	22.9	17.3	11.2
10 16	Panic		35.8	28.7	16.7
1055 5	OCD.		32.8	24	18.4
77.	MOOD	DISORDERS	32		
1842	Major	Depression	27.2	16.5	18
	Bipol	ar I Disorder	60.7	46.2	40.7
				ECA	Data. Regier et al. 1990

# Neuroadaptation

- Tolerance
  - need for increased amounts of the substance to achieve intoxication or desired effect
  - markedly diminished effect with continued use of the same amount of the substance
- Withdrawal
  - characteristic withdrawal syndrome
  - substance taken to relieve or avoid withdrawal



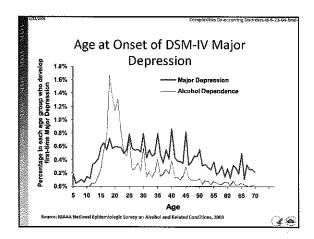
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#### **Assessment Tools**

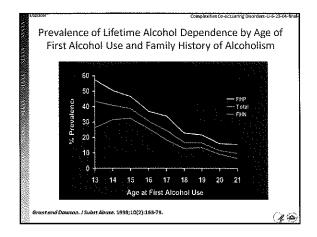
- · Alcohol levels and drug tests
  - BAL, UDS, breath-lyser, saliva
- Tests for excessive alcohol use liver function tests, blood counts
- · Physical examination
- · Collateral report
- · Self-report
- · Motivational Interviewing

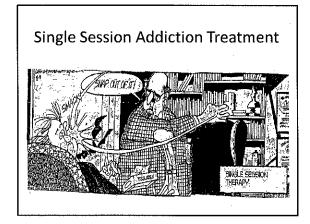
# C.A.G.E. Questions

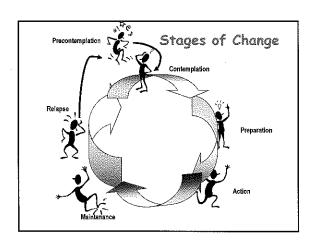
- Have you ever felt that you ought to CUT DOWN on your drinking/drug use?
- Have people ANNOYED you by criticizing your drinking/drug use?
- Have you ever felt GUILTY about your drinking/drug use?
- Do you ever drink/drug first thing in the morning (EYE OPENER)?

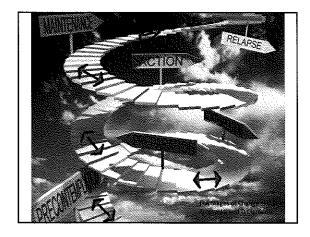


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- Disulfiram (Antabuse)
- · Acamprosate (Campral)
- Naltrexone (Revia or Vivitrol)
- Topiramate (Topamax)
- · Oxcarbazepine (Trileptal)
- Methadone, Buprenorphine/Naloxone (Suboxone) - palliative care

#### **Medications Used in Treatment**

- · Withdrawal Support
  - benzodiazepines, phenobarb, buprenorphine, methadone, nicotine replacement, clonidine

  - Comfort medication
- Negative Conditioning
  - Disulfiram
- Blocking craving
  - Naîtrexone, Topiramate, Acamprosate
- Maintenance to reduce crime, HCV & HIV
  - Methadone, buprenorphine
- Mood Stabilizing AEDs
  - · Carbamazepine, Topiramate, Oxcarbazepine, Depakote
- Antidepressants?

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# Definition of 12-step groups

- Peer-directed, self-governing groups
- Abstinence based (for drugs and alcohol)
- · Spiritually oriented
- Provide a 12-step "program"
- · Provide fellowship
- Many but not all use "Anonymous" in name

#### Common Alcoholics Anonymous Beliefs

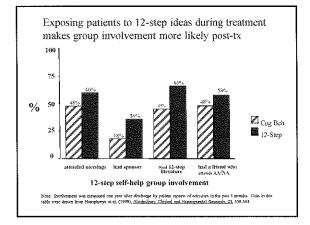
- → Alcoholism is a disease with mental, physical, and spiritual components
- → Alcoholics are characterologically different than nonalcoholics, and no one is "somewhat" alcoholic
- → Alcoholism is rooted in the moral character of the alcoholic, in particular "self-centeredness"
- → Alone, one cannot control alcoholism, but one's Higher Power can the power of "we."

Stop and read *Alcoholics Anonymous* Chapter V

#### Recovery/Healing/Redemption Gratitude as Attitude

Alcoholics Anonymous Step	Short form	Healing	A Christmas Carol Charles Dickens
0	detoxification	Fear/crisis	Marley's ghost
1-3	Trust God	Genuine humility	Ghost #1 past
4-9	Clean house	Diagnosis & Treatment	Ghost #2 present Ghost #3 future
10-12	Help others	improved health	Tipy Tim

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# Conclusions

- 12-step group participation reduces drug and alcohol use.
- 12-step group involvement reduces surplus health care utilization.
- The benefits of 12-step groups are mediated both by psychological and social changes.
- Applying these findings in treatment settings should improve outcomes and reduce costs.

Outcome In Hype	rtension
Pre - Du	ring -
Post	
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Treatment Research Institute	33

