





drug addiction

- psychological dependence
 - desire for drug effects
 - drug must have some reward effects
- physical dependence
 - body adapts to drug use withdrawal symptoms if stopped
 - particularly opioids
- tolerance
 - probably less important
 - decreased effect after repeated administration
 - often accompanies dependence

dependence group drugs liability opioids morphine high heroin ethanol depressants moderate barbiturates benzodiazepines stimulants amphetamines high cocaine high caffeine low nicotine moderate psychotomimetics LSD low cannabis





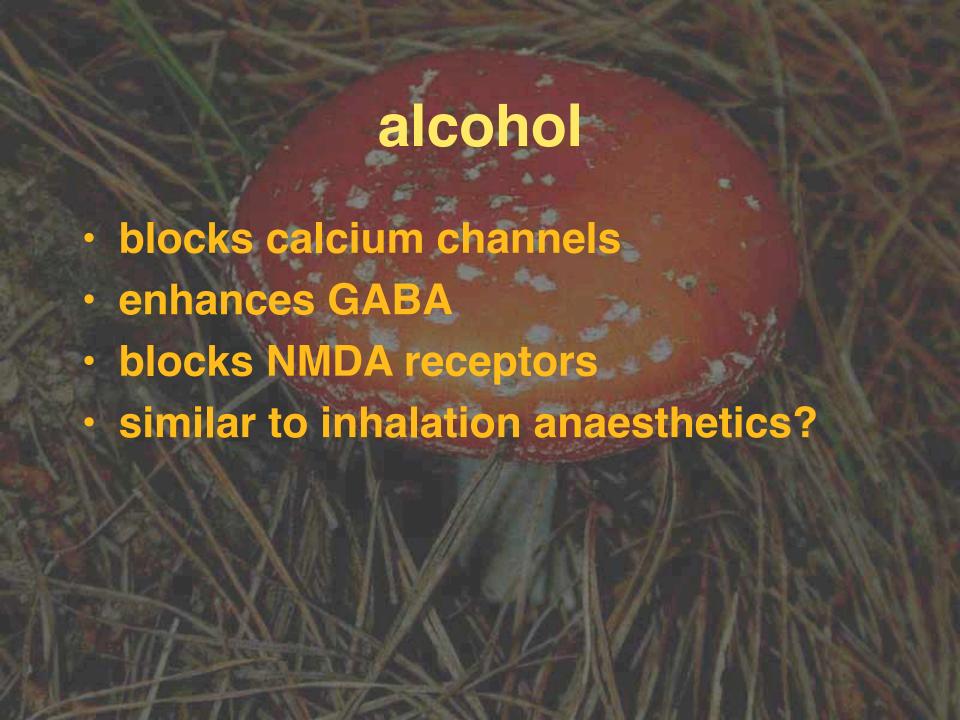


alcohol

· CAGE

- Have you ever felt you should cut down on your drinking?
- Have people annoyed you by criticising your drinking?
- Have you ever felt guilty about your drinking?
- Have you ever had a drink first thing in the morning to steady your nerves or to get rid of a hangover?





alcohol effects

- neuronal degeneration
 - dementia
 - peripheral neuropathies
 - caused by thiamine deficiency??
- foetal alcohol syndrome
- liver cirrhosis
- car crashes!
- inability to do your job









- keep minimal amounts
- keep records strictly
 - independent auditor
- should not be handled by lay staff except under strict supervision
- should only be supplied to client under exceptional circumstances





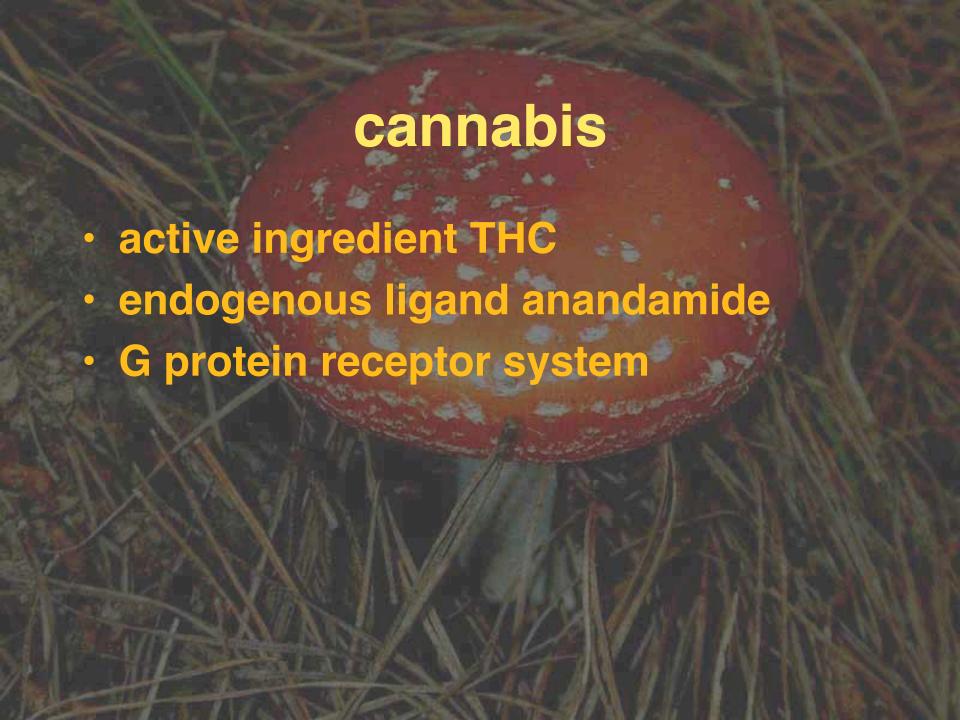












cannabis

- weakly / not addictive?
 - aversive to rats
- relatively safe?
 - short term memory loss
- but still illegal
- metabolites in urine for weeks
- impairs ability to drive!
- (nabilone)

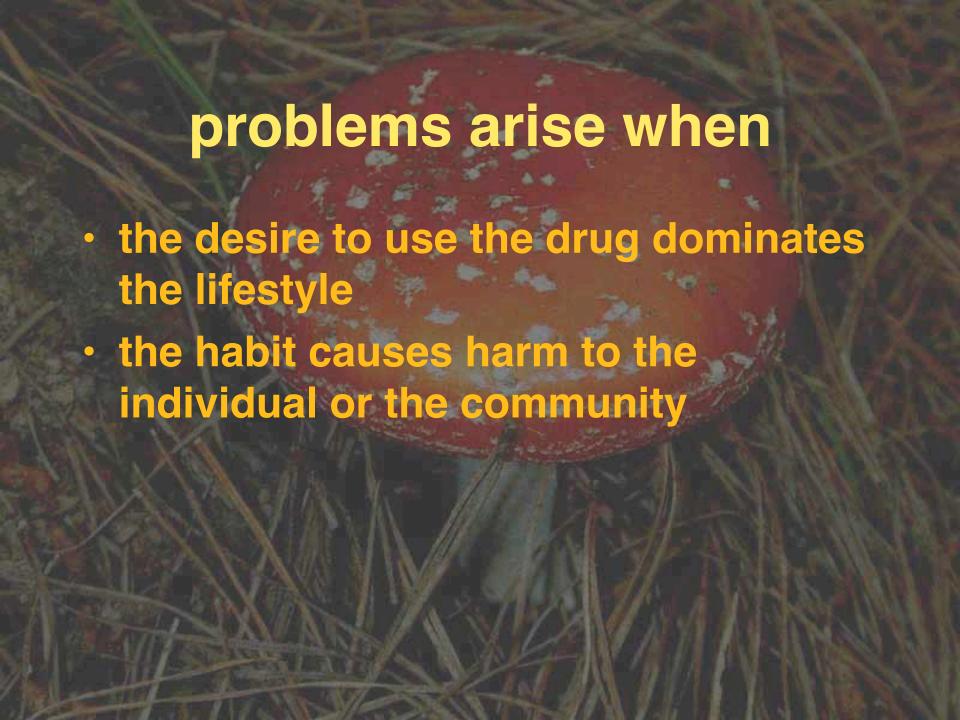






- ecstasy
- amphetamine effects
- short acting (hours)
- binges can cause acute schizophrenia
- can cause severe depression after
- hypertension
 - arrhythmias
 - stroke





drug

risk factors

- availability
- cost
- purity / potency
- user
 - heredity
 - psychiatric symptoms
 - prior experience
 - likes taking risks
- environment
 - social
 - work
 - availability of other sources of pleasure





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