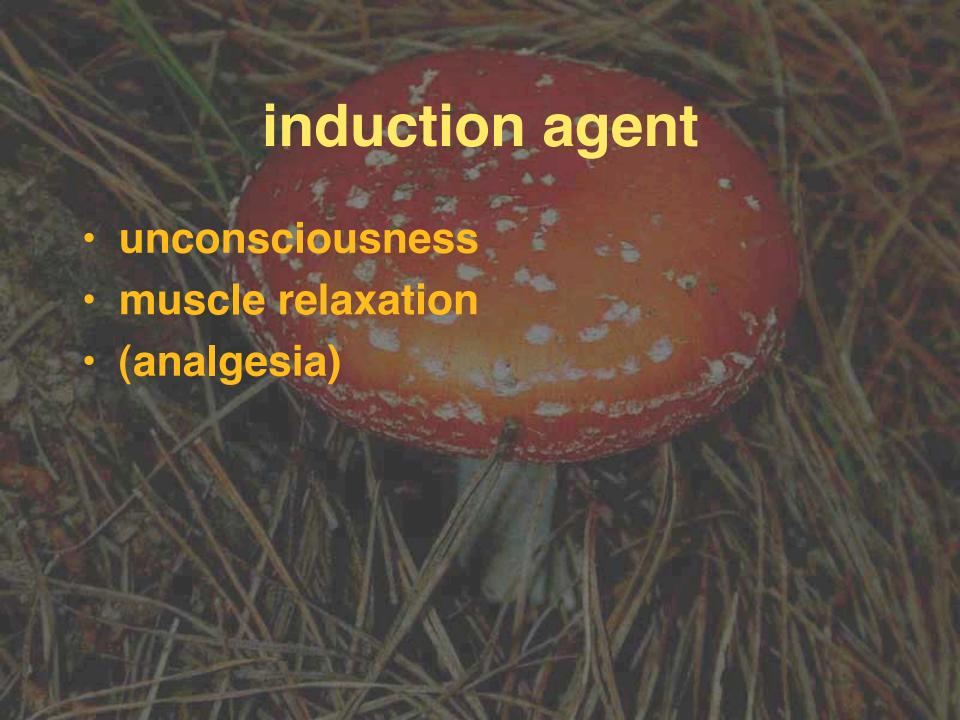


typical anaesthetic

- premed
 - sedative and analgesic
- induction
 - injection anaesthetic
- maintenance
 - inhalation anaesthetic & oxygen
 - muscle relaxant?
- recovery
 - analgesic





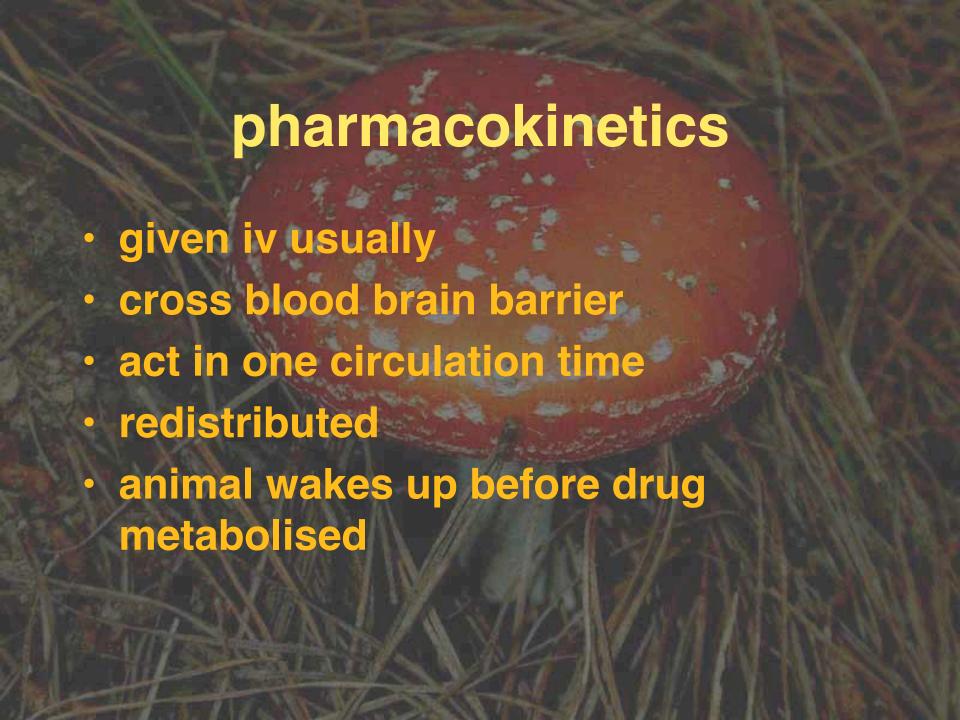








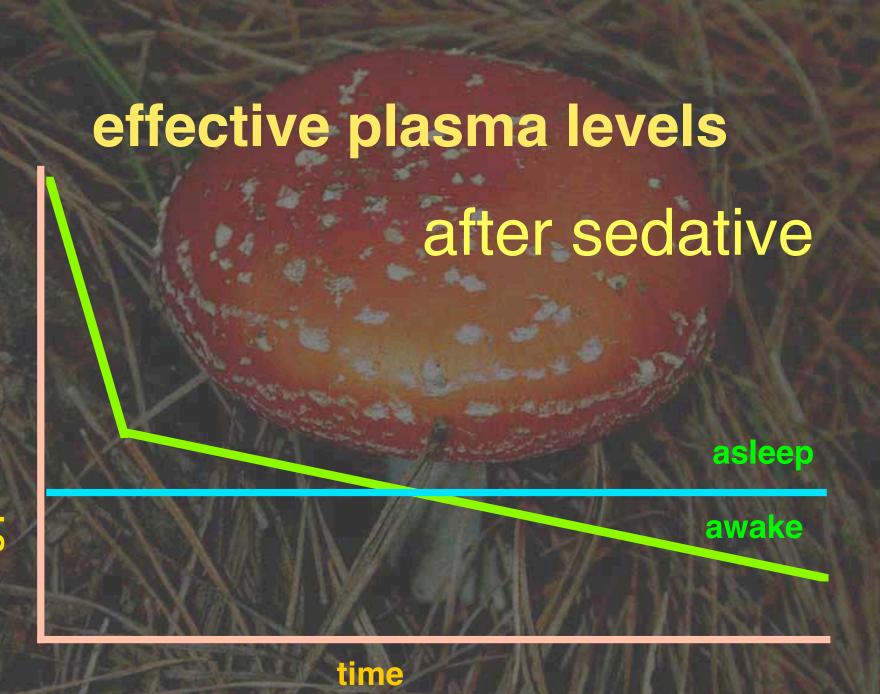


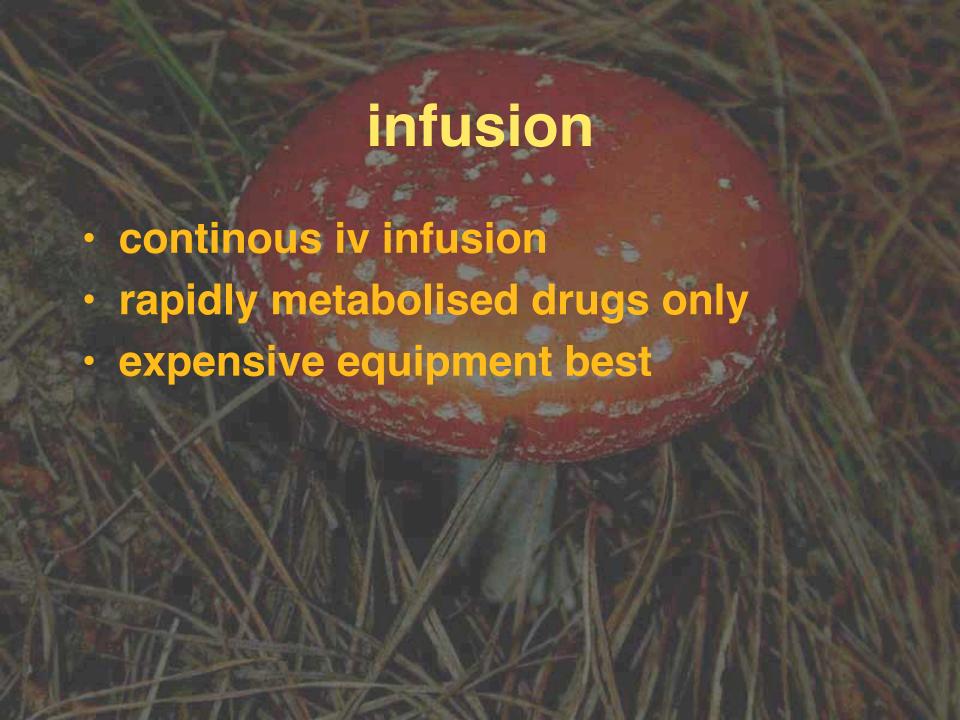


dose depends on

- rate of administration
- concentration
- redistribution
- protein binding
- ionisation
- stimulation
- (metabolism)
- (acute tolerance)

effective plasma levels asleep awake time



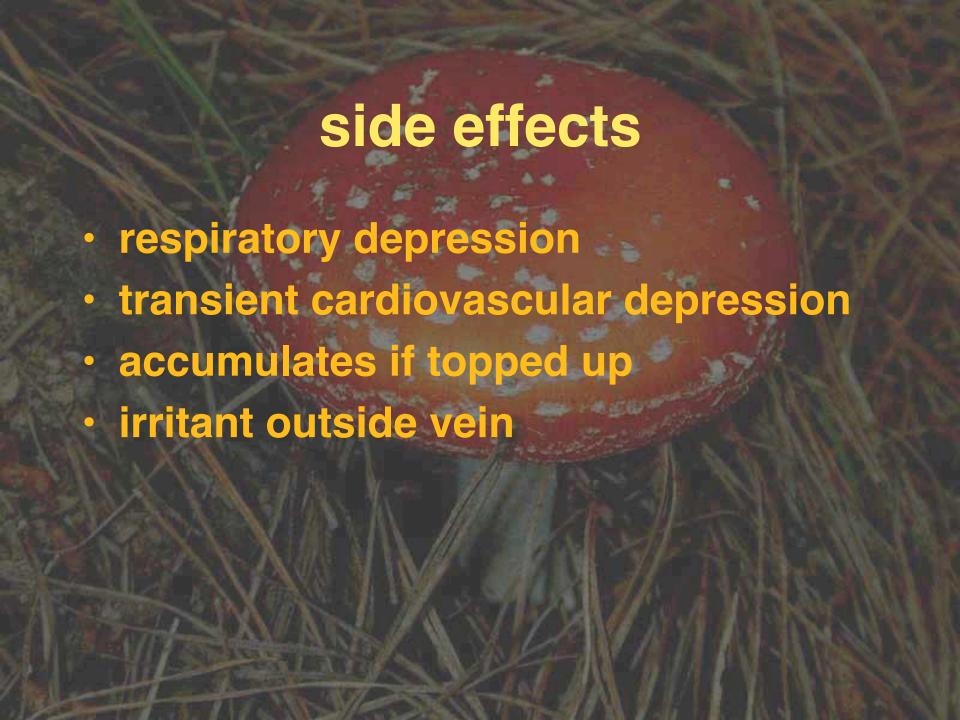






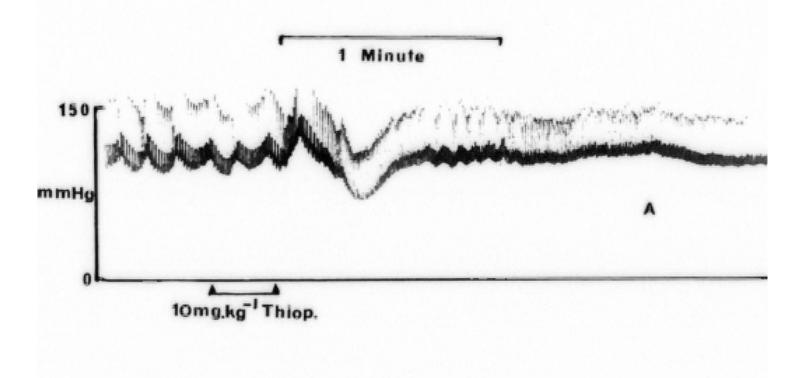


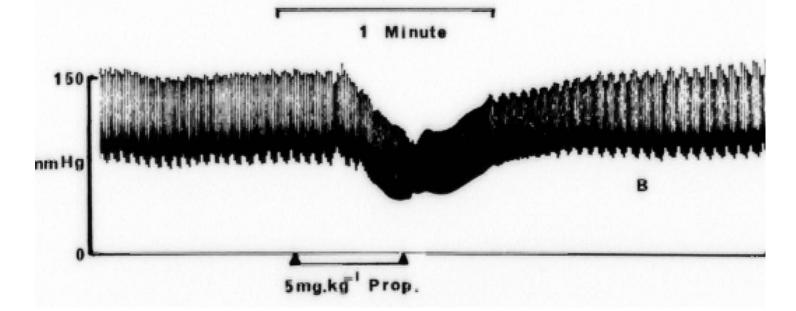


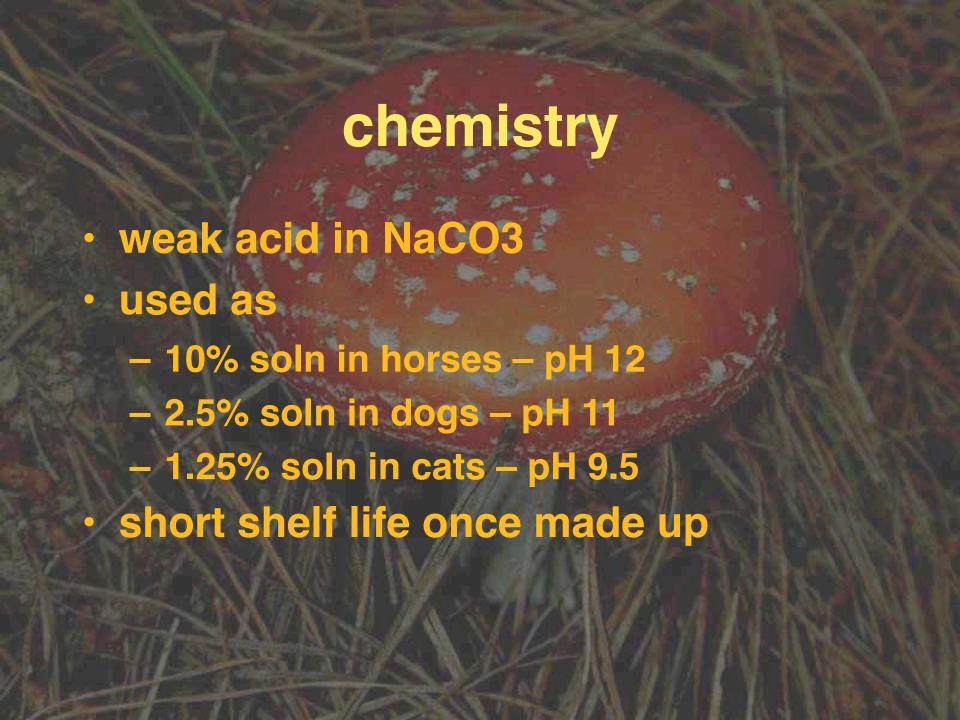




















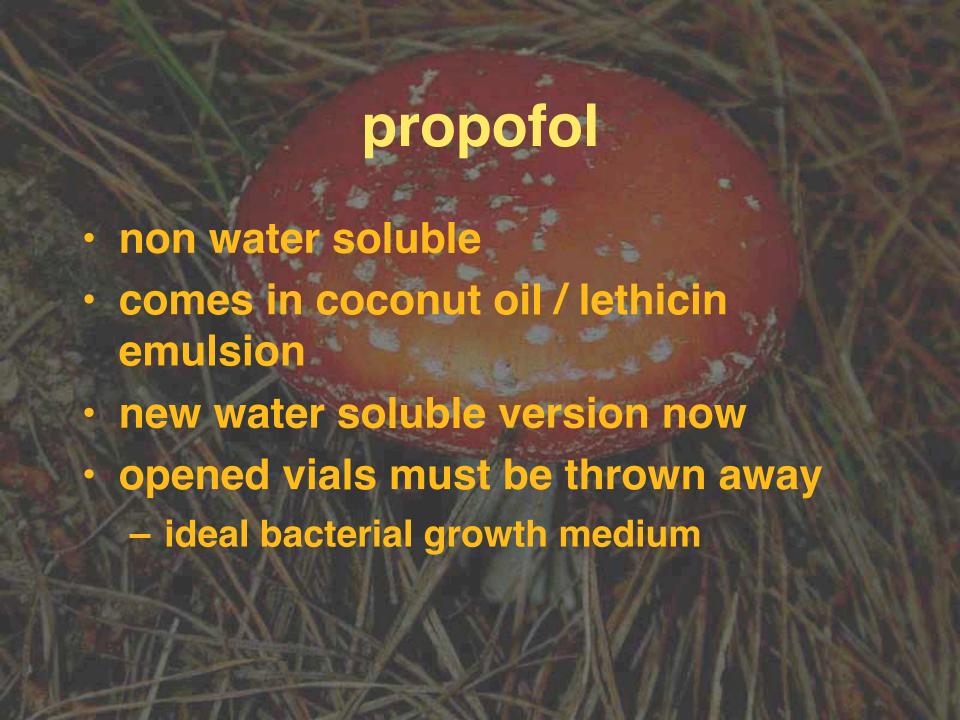














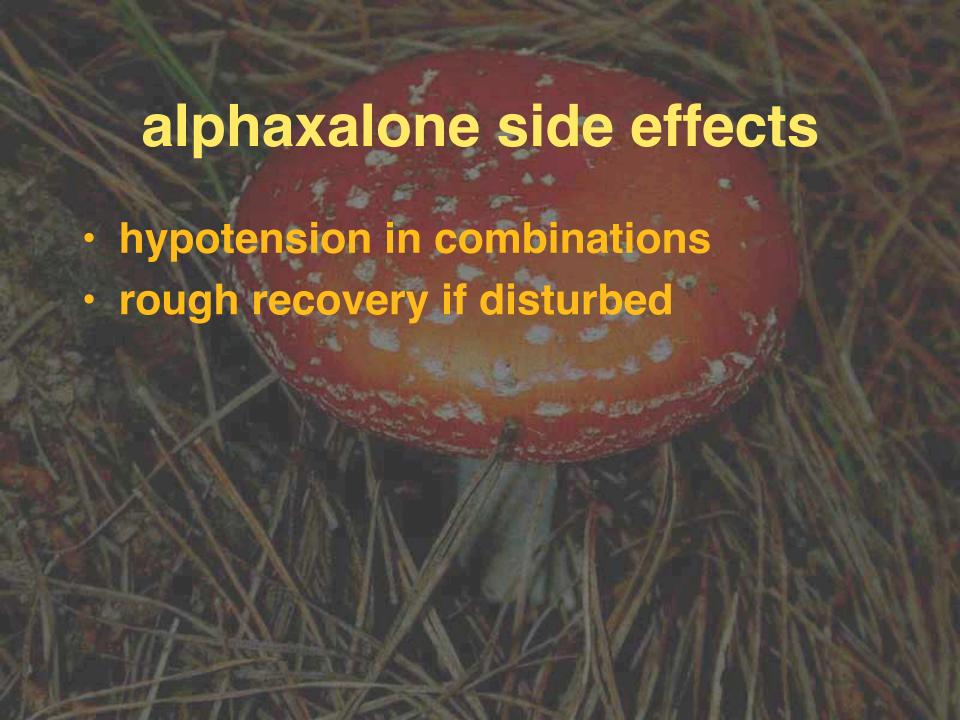


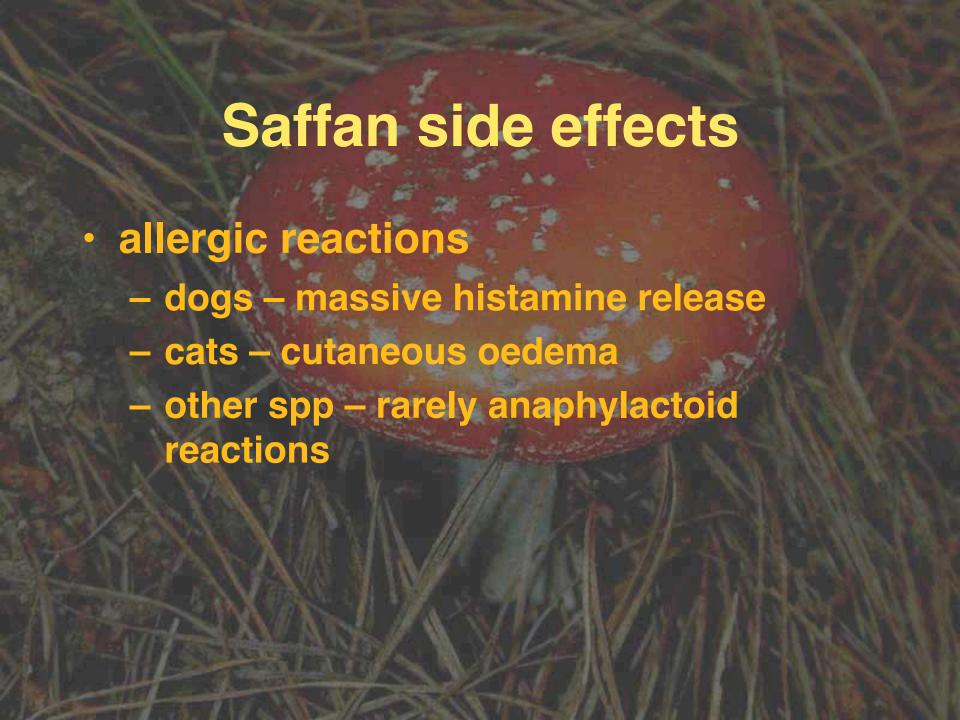




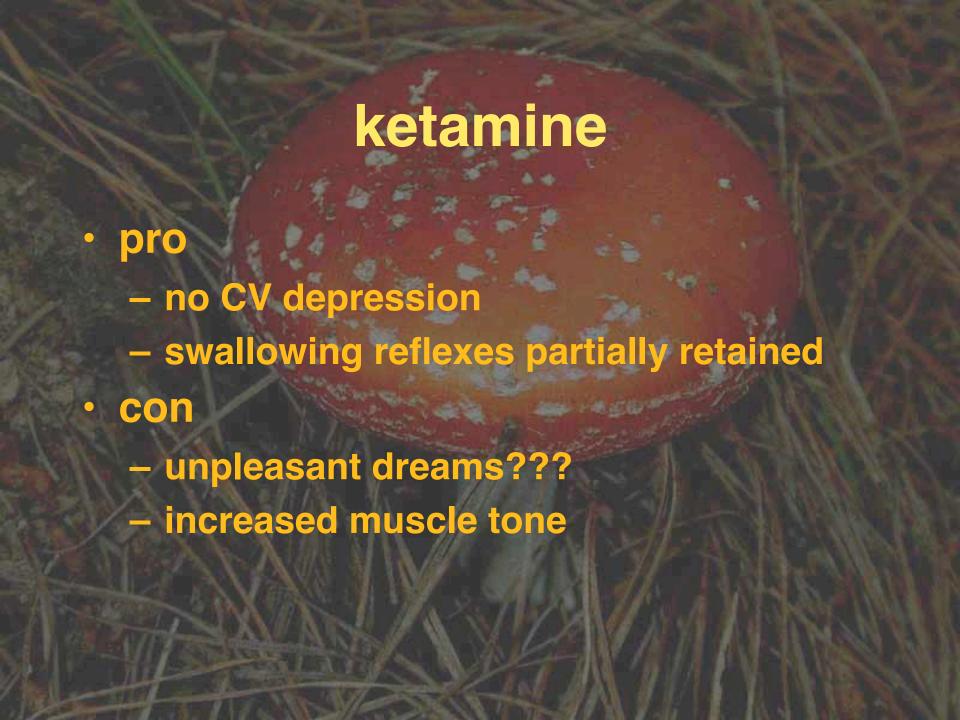




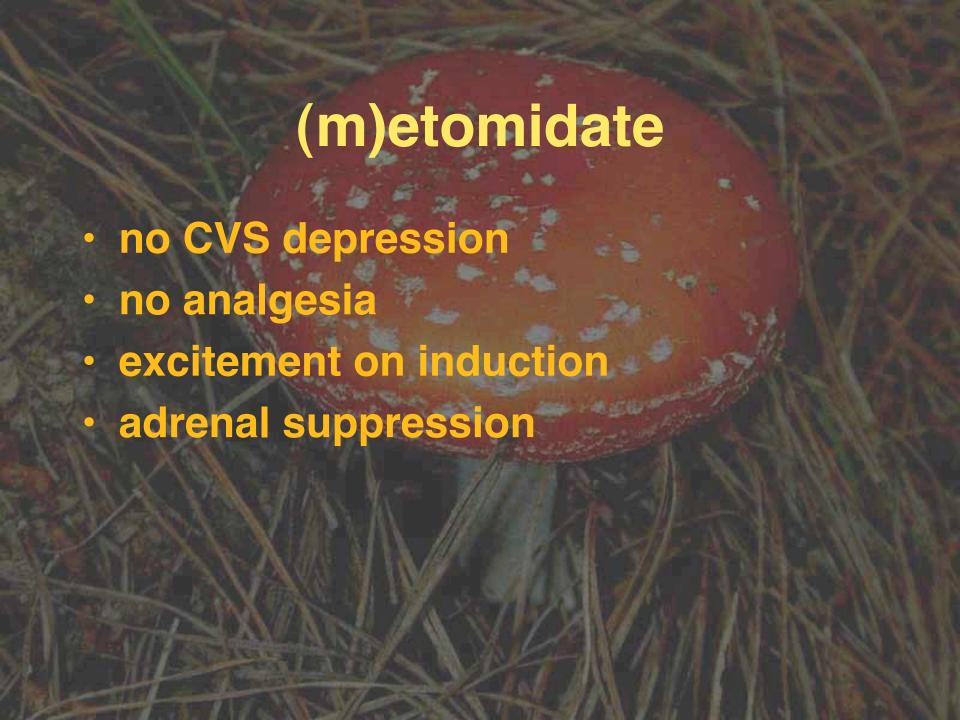














9 month old cat for spay



What would you use?

injection anaesthetics

- usually only used for induction
- thiopentone / propofol used for induction
- side effects respiratory and CV depression
- animals wake up from redistribution metabolism takes much longer
- Saffan used only in cats, Alfaxan can be used in dogs
- ketamine useful in combination, usually with diazepam
- overdose caused transient apnoea
- all drugs are potentially lethal if used incorrectly