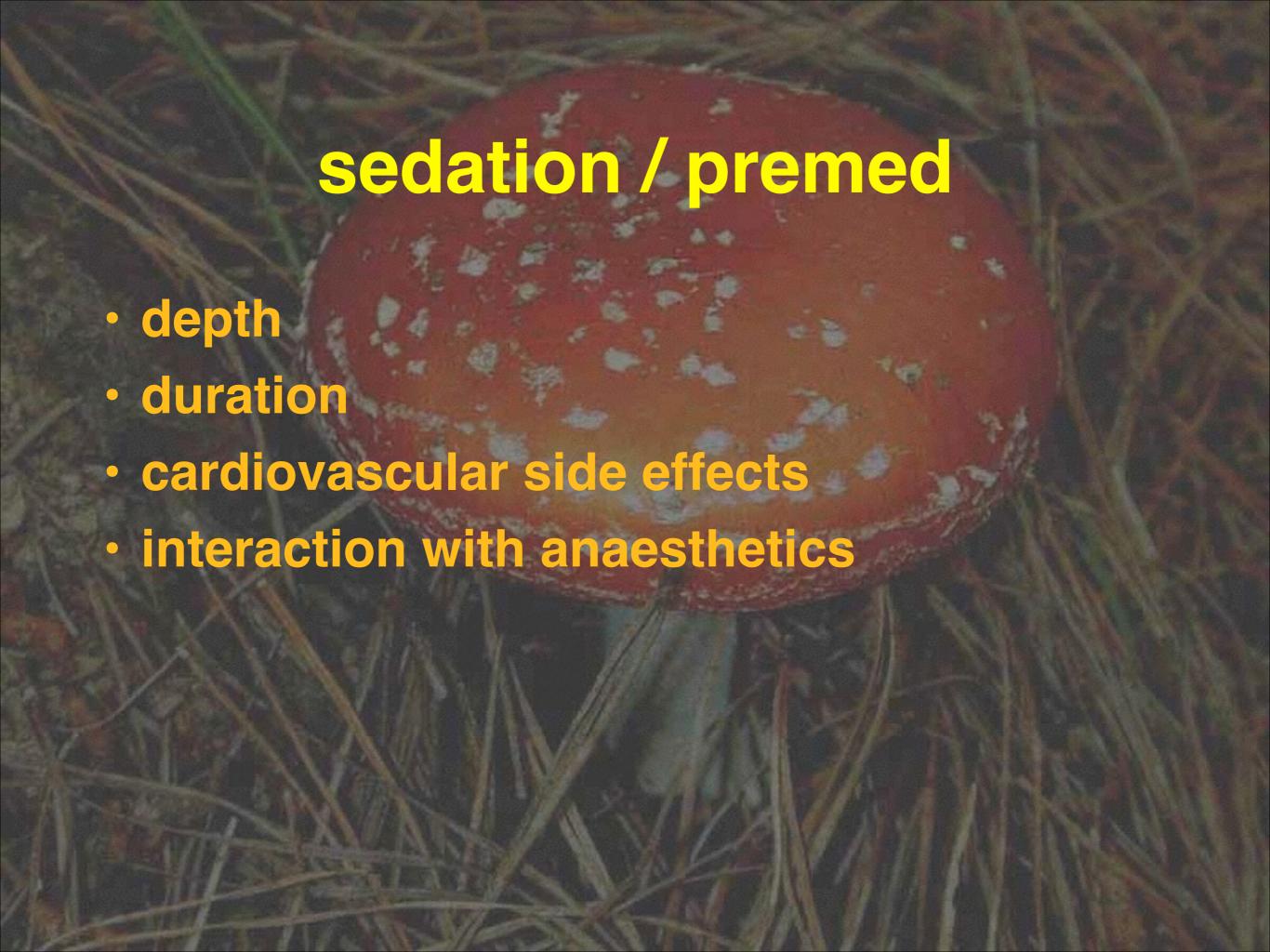
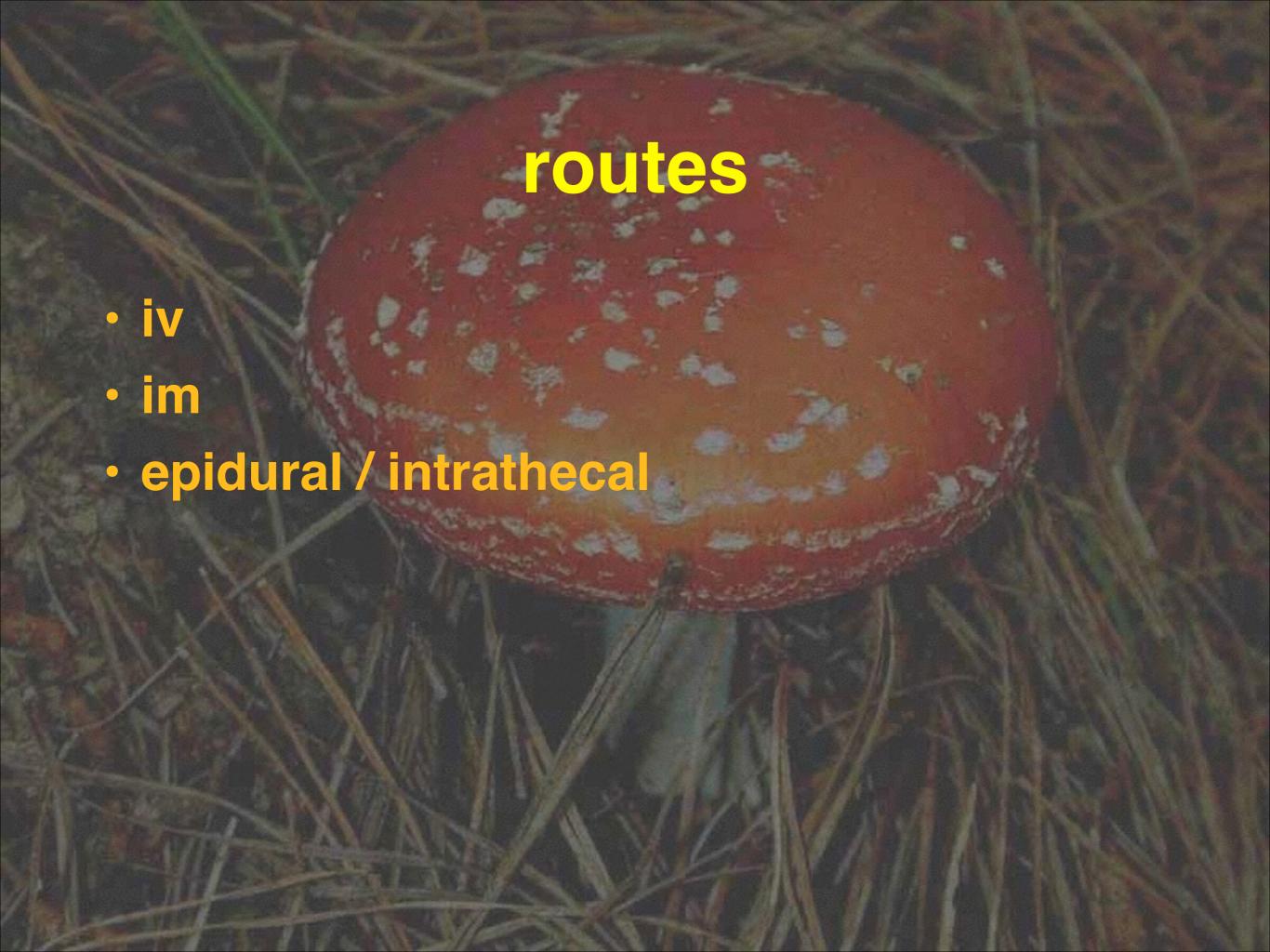


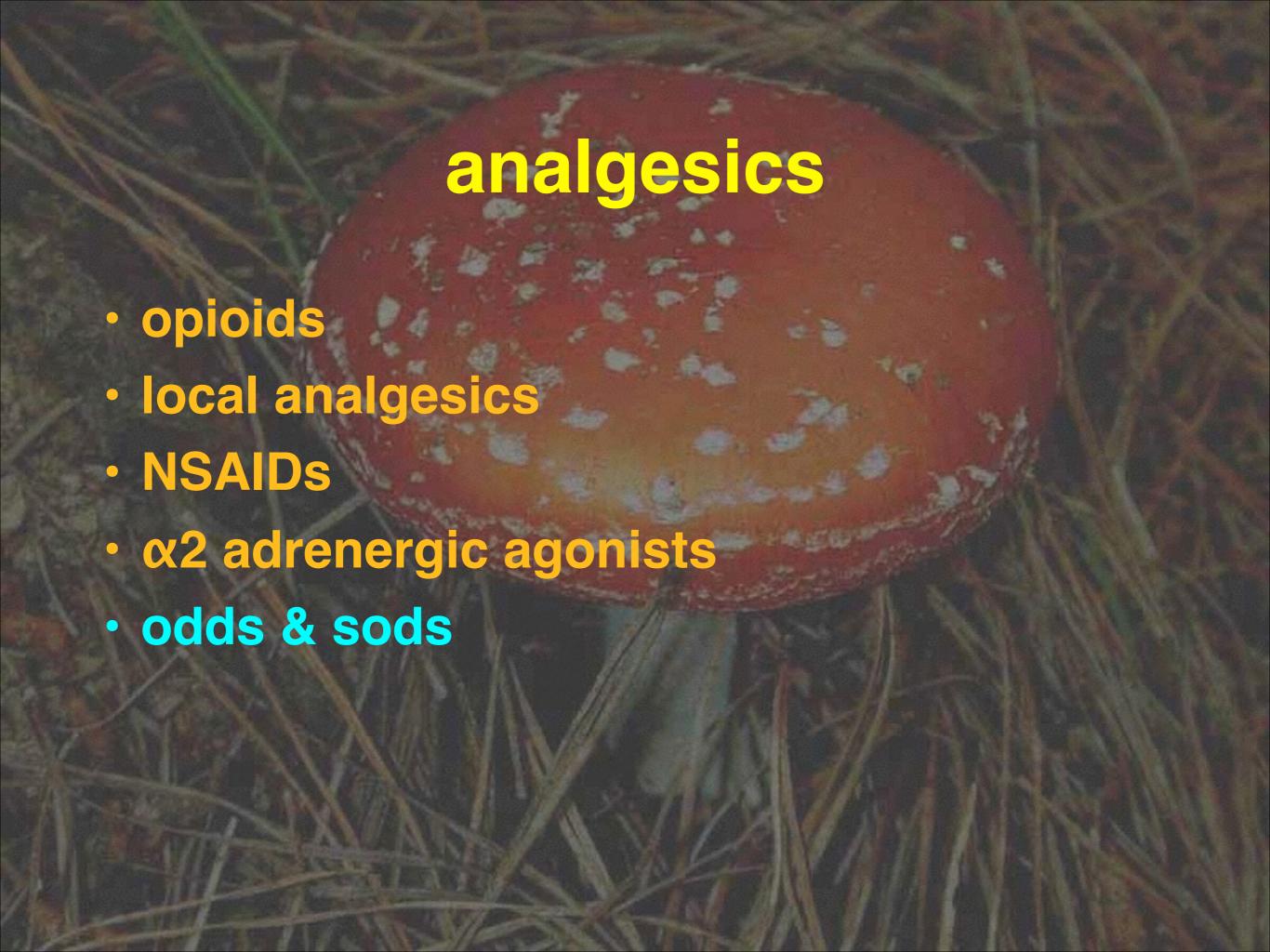
minor ops

- mainly large animals
 - -± local anaesthetic
- better analgesia at front end??
- ruminants sensitive to xylazine
- severe sensitivity in some deer to xylazine
 - respiratory prolems
 - death in extreme cases





















- NSAIDs and α2 agonists most commonly used
- NSAID side effects
 - gastric ulceration
 - kidney failure
- α2 side effects
 - cardiovascular depression
 - vomiting
- combinations, usually with opioids, produce best analgesia with fewest side effects