

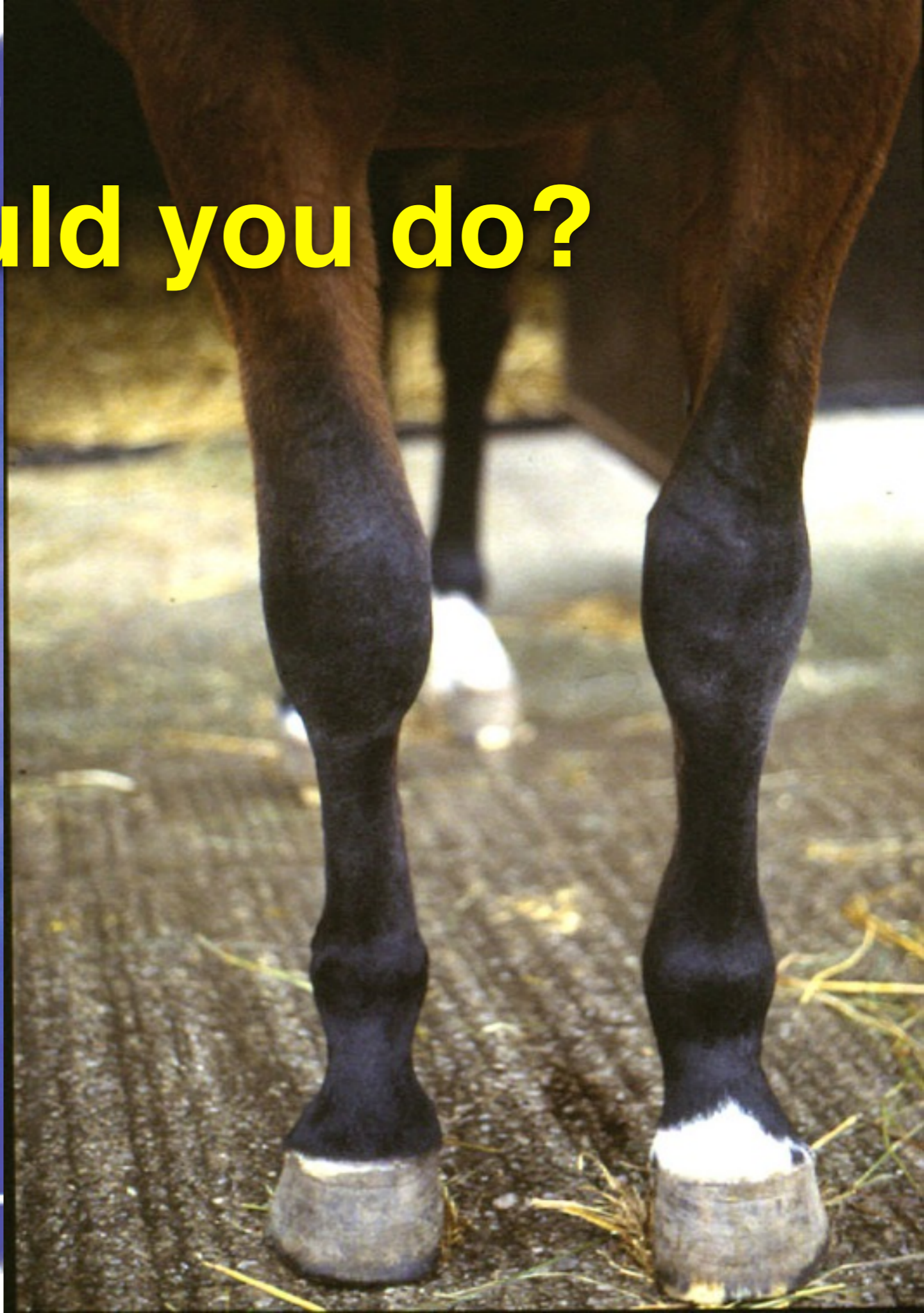
# Anti-inflammatory Drugs

NSAIDs & Anti-arthritis  
Drugs



# What would you do?

- 8 yr old hunter
- overworked on concrete
- lame right fore



**Problems?  
Treatment objectives?**



**Definitive treatment?  
Supportive treatment?**



# treatment?

- **definitive treatment**
  - rest / gentle exercise
- **supportive treatment**
  - anti-inflammatory drugs



# anti-inflammatory drugs

- steroids
- NSAIDs
- anti-arthritic drugs
- odds & ends



# anti-inflammatory drugs

- which drug?
- what route?
- why?



# other considerations?

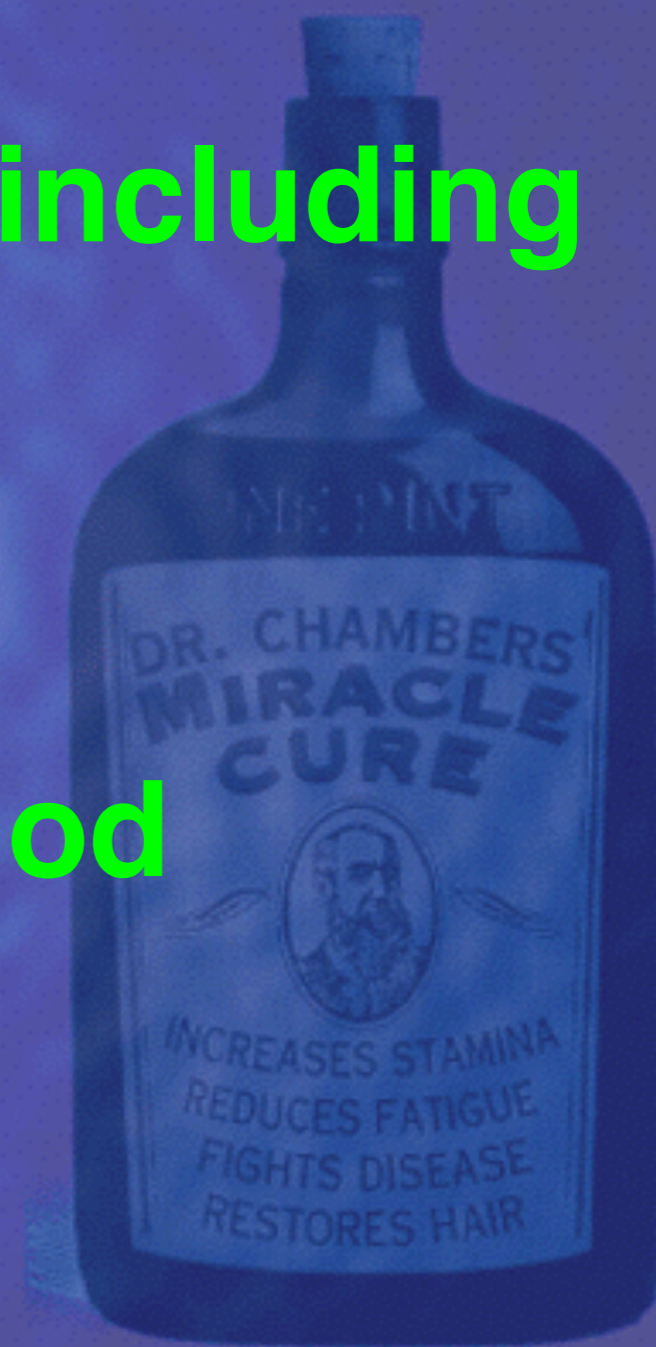
- competition animal?
- food animal
- cost





# the law

- banned in food animals (including horses)
  - phenylbutazone
  - dipyrone
- 6 month withholding period



# What would you do?



- **sore hips**
- **on ketoprofen for 7days**
- **now miserable & off food**



- **problems?**
- **treatment objectives?**

# treatment?

- **definitive treatment**
  - none
  - (euthanasia)
- **supportive treatment**
  - rest
  - anti-inflammatory drugs



# anti-inflammatory drugs

- which drug?
- what route?
- why?





# What would you do?

- **second week of lactation**
- **clinical mastitis**
- **unknown pathogen**



# What would you do?

- **problems?**
- **treatment objectives?**

# treatment?

- **definitive treatment**
  - antibiotics
- **supportive treatment**
  - anti-inflammatory drugs





# drugs

- which drug?
- what route?
- why?



# anti-inflammatory drugs

- steroids are the most potent anti-inflammatory drugs
- NSAIDs are useful for both acute and chronic inflammation, but gastric ulceration limits duration of use
- mucopolysaccharides are sometimes used for arthritis in horses and dogs
- many drugs have some anti-inflammatory effect

