Pathology of the Lungs of Domestic Animals
Presentation #7

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Case 41. Dog. No history available

- Morphologic diagnosis
- Specific cause
Case 41. Dog. No history available

Specific cause

a) Blastomyces dermatitidis
b) Coccidioides immitis
c) Cryptococcus neoformans
d) Emmonsia crescens
e) Sporothrix shenckii
Case 41. Dog. No history available

- Morphologic diagnosis
- Specific cause
Case 10. Horse, age 12 years
Mass on laryngeal mucosa

• Morphologic diagnosis
• Specific cause
Case 10. Horse, age 12 years
Mass on laryngeal mucosa

Cause

a) Coccidioides immitis
b) Cryptococcus neoformans
c) Emmonsia crescens
d) Rhinosporidium seeberi
e) Sporothrix shenckii
Case 10. Horse, age 12 years
Mass on laryngeal mucosa

- Morphologic diagnosis
- Specific cause
Case 9. Feral cat, anesthetic death

- Morphologic diagnosis
- Specific cause
Case 9. Feral cat, anesthetic death

Specific cause

a) Aelurostrongylus  
b) Paragonimus  
c) Troglostrongylus  
d) Dirofilaria
Case 9. Feral cat, anesthetic death

- Morphologic diagnosis
- Specific cause
Case 17. Dog, age 3 months
Acute respiratory distress

• Specific cause
• Pathogenesis of clinical findings
Case 17. Dog, age 3 months
Acute respiratory distress

Cause

a) Angiostrongylus vasorum
b) Capillaria aerophila
c) Oslerus osleri
d) Paragonimus kellicotti
e) Pneumonyssoides caninum
Case 17. Dog, age 3 months
Acute respiratory distress

Cause

a) Angiostrongylus vasorum          Adults in vessels
b) Capillaria aerophila            Adults in bronchi
c) Oslerus osleri                  Nodules at carina
d) Paragonimus kellicotti          Airway-encysted fluke
e) Pneumonyssoides caninum         Nasal mite
Case 17. Dog, age 3 months
Acute respiratory distress

Mechanism of atelectasis?
   a) Obstruction of bronchi
   b) Parasite compresses lung
   c) Pleural effusion
   d) Pneumothorax
Case 45. 30 kg pigs, 11 DOF. 4 days of tachypnea in 40% of group

- Morphologic diagnosis
- Specific cause
Case 45. 30 kg pigs, 11 DOF.
4 days of tachypnea in 40% of group

- Morphologic diagnosis

- What other species may be similarly affected?
  a) Cattle
  b) Dogs
  c) Horses
  d) Humans
Case 45. 30 kg pigs, 11 DOF.
4 days of tachypnea in 40% of group

- Morphologic diagnosis

- Cause

- What other species may be similarly affected?
Case 50. Dog, age 4 years
Died 12 hours after milbemycin treatment

• Morphologic diagnosis
• Specific cause
Case 50. Dog, age 4 years
Died 12 hours after milbemycin treatment

- Morphologic diagnosis
- Specific cause
- Pathogenesis
Case 48. Adult horse
Incidental finding, single cyst in lung

- Specific cause
Case 48. Adult horse
Incidental finding, single cyst in lung

- Specific cause
- Significance to human health?