

Patricks' Pastures – Male Hemi-Accooyo

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Argyle Vet Hospital Client # 11666

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Accession No. Doctor Owner \‘Q’ Pet Name Received

Species Breed Sex Pet Age Reported

Alpaca M 2Y 09127/2007 02:28 PM

Test Requested Results Reference Range Units

I-115TOPATHOLOGY-M IN!

Histopath Report:

SOURCE/HISTORY: One-year-old male Alpaca. Multiple necropsy tissues submitted. Lungs - abscess.

MICROSCOPIC FINDINGS:

- SLIDES 1-2. LUNG, MULTIPLE SECTIONS: SEVERE SUPPURATIVE TO MILDLY PYOGRANULOMATOUS BRONCHOPNEUMONIA, VARIABLY FIBRINOUS, NECROTIZING AND HEMORRHAGIC, WITH FIBRINOUS PLEURITIS, WITH PROBABLE INTRALESIONAL, INTRACELLULAR BACTERIAL RODS.

- SLIDES 3-4. SPLEEN, MULTIPLE SECTIONS: MODERATE DIFFUSE ACUTE CONGESTION.

- SLIDES 5-6. LIVER, MULTIPLE SECTIONS: MODERATE ACUTE CENTRILOBULAR CONGESTION, OTHERWISE WITHIN NORMAL LIMITS.

- SLIDES 7-jo. KIDNEY, MULTIPLE SECTIONS: PATCHY LINEAR TO TRIANGULARLY SHAPED AREAS OF MILD MIXED INTERSTITIAL NEPHRITIS WITH MILD ACCOMPANYING INTERSTITIAL FIBROSIS.

CAUSE OF DEATH (OR MOST SIGNIFICANT FINDING): BRONCHOPNEUMONIA SUGGESTIVE OF BACTERIAL PNEUMONIA.

COMMENTS:

The type of pneumonia is typical of bacterial pneumonia in a large animal. Vague intracellular bacterial rods could sometimes be discerned with routine H&E stain within the lung. Overall findings are similar to shipping-fever pneumonia in cattle which may be due to *Manheimia haemolytica* or *Hemophilus somnus*. Risk factors to developing bacterial pneumonia include stress such as transport, overcrowding, handling, vaccination or inadequate food or water as well as conditions such as metabolic acidosis or exposure to adverse environmental conditions may all be precipitating factors. The areas of mild inflammation and fibrosis observed in the kidneys are typical of lesions induced by hematogenous bacterial infection and suggest possible bacteremia/septicemia as well. Culture would be necessary for definitive etiologic diagnosis.

PATHOLOGIST:

Chris A. Schiller, DVM, Diplomate ACVP

1-877-809-7188 ext. 214 (Monday, Tuesday, Thursday, Friday 8-5 CST)

Please contact me if this interpretation is inconsistent with your clinical impression or requires further clarification.

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