

CASE NUMBER: 04F-24-P2-3

DATE: Mar 21, 2004

HISTOPATHOLOGY:

Slide 1, P2-3-1:

There are no overt lesions within the liver, kidney, spleen or heart.

Slide 2, P2-3-2:

- 1). Kidney: Nephritis, interstitial, marked, multifocal to coalescing, chronic with scattered intralesional coccobacilli
- 2). Heart, ventricle: Myocarditis, moderate, multifocal, granulomatous, necrotising, chronic, with intralesional coccobacilli
- 3). Heart, epicardium: Serositis, marked, diffuse, lymphohistiocytic, chronic with florid intralesional coccobacilli
- 4). Liver and kidney, capsule: Peritonitis/serositis, moderate, diffuse, lymphohistiocytic, chronic with intralesional coccobacilli and scattered acute hepatocellular degeneration and necrosis
- 5). Spleen: Splenitis, moderate, diffuse, subacute with lymphoid depletion

Slide 3, P2-3-3:

- 1). Kidney: Nephritis, interstitial, moderate, focal, granulomatous with central necrosis, sinusoidal histiocytosis and lymphocytolysis
- 2). Spleen, ellipsoids: Histiocytosis, moderate, diffuse
- 3). Liver: hepatitis, mild, multifocal, random, granulomatous, necrotising, chronic
- 4). Heart, compact ventricle: Myocarditis, moderate, multifocal, granulomatous with reactive endocardia

Slide 4, P2-3-4:

- 1). Liver: Hepatitis, mild, focal, lymphocytic, chronic

There are no overt lesions within the spleen, heart, inter-renal gland, or kidney.

Slide 5, P2-3-5:

- 1). Liver: Hepatitis, mild, focal, lymphocytic, chronic

There are no overt lesions within the inter-renal gland, spleen, heart, or anterior kidney.

Slide 6, P2-3-6:

- 1). Kidney: Nephritis, interstitial, marked, multifocal to coalescing, granulomatous, necrotising, chronic with dispersed melanin granules
- 2). Spleen: Lymphoid depletion, moderate, diffuse

There are no overt lesions within the heart, or liver.

Slide 7, P2-3-7:

There are no overt lesions within the liver, spleen, heart, inter-renal gland, or kidney.

Slide 8, P2-3-8:

There are no overt lesions within the spleen, heart, liver, or kidney.

Slide 9, P2-3-9:

There are no overt lesions within the liver, spleen, heart or kidney.

Slide 10, P2-3-10:

1). Kidney: Nephritis, interstitial, mild to moderate, multifocal, pyogranulomatous, subacute

There are no overt lesions within the liver, spleen or heart.

COMMENTS:

In 3 of 10 sections, there are profound multisystemic inflammatory infiltrate which would have been sufficiently severe to have contributed significantly to antemortem morbidity and possibly increased mortality; based on the nature of the inflammatory infiltrate and lack of discernible pathogens, bacterial kidney disease (*Renibacterium salmoninarum*) would be a prime consideration and if fresh tissue is available, follow up culture, FAT or PCR may be considered. The lymphocytic hepatitis noted in select slides is chronic, low grade, non-specific and considered an incidental finding.

FINAL REPORT