

CASE NUMBER: 04F-64-P2-15

DATE: July 31, 2004

HISTOPATHOLOGY:

Slide 34, P2-15-1:

There are no significant lesions within the kidney, inter-renal gland, liver, heart, spleen, adipose tissue, peripheral vasculature or peripheral nerves.

Slide 35, P2-15-2:

1). Spleen: Lymphoid depletion, mild to moderate, diffuse

There are no significant lesions within the kidney, inter-renal gland, liver, heart, peripheral vasculature or peripheral nerves.

Slide 36, P2-15-3:

1). Heart: Myocarditis, marked, multifocal to coalescing, lymphohistiocytic and necrotising, subacute

2). Kidney: Nephritis, interstitial, marked, multifocal, nodular, lymphohistiocytic, subacute with intracellular coccobacilli

3). Spleen: Lymphoid depletion, moderate, diffuse

There are no significant lesions within the liver or peripheral nerves.

Slide 37, P2-15-4:

There are no significant lesions within the kidney, pancreas, pyloric caecae, liver, heart, spleen, adipose tissue, peripheral vasculature or peripheral nerves.

COMMENTS:

In 1 of 4 sections, the inflammatory infiltrate noted within the heart and kidney would have been sufficiently severe to have contributed significantly to antemortem morbidity and presumably the loss of this animal. The process is consistent with a chronic bacterial infection and if fresh tissue is available, follow up ancillary diagnostics is recommended. The lymphoid depletion noted in slide 2 is suggestive of peripheral mobilization of lymphocytes to nidi of inflammation, malnutrition, physiologic stress, infectious and other disease processes.

FINAL REPORT