

CASE NUMBER: 03F-49-A3.4-25

DATE: Aug 2, 2003

MORPHOLOGIC DIAGNOSES:

Slide 61, A3.4-25-1:

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

Slide 62, A3.4-25-2:

- 1). Kidney: Nephritis, interstitial, severe, multifocal to coalescing, lymphohistiocytic, subacute to chronic with intrahistiocytic coccobacilli
- 2). Heart: Myocarditis, moderate, multifocal, random, lymphohistiocytic, subacute
- 3). Spleen: Splenitis, moderate, multifocal, random, lymphohistiocytic, subacute
- 4). Liver: Hepatitis, mild, multifocal, necrogranulomatous
- 5). Vasculature: Presumptive leukocytosis, moderate, multifocal, mononuclear

There are no overt lesions within the peripheral nerves.

Slide 63, A3.4-25-3:

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

Slide 64, A3.4-25-4:

- 1). Kidney: Nephritis, interstitial, marked, multifocal to coalescing, lymphohistiocytic, necrotising, subacute with intrahistiocytic coccobacilli
- 2). Heart, endocardium: Hyperplasia and hypertrophy, mild to moderate, multifocal, random
- 3). Spleen: Lymphoid depletion, moderate, diffuse

There are no overt lesions within the liver, peripheral vasculature or peripheral nerves.

Slide 65, A3.4-25-5:

- 1). Kidney: Nephritis, interstitial, moderate, multifocal, lymphohistiocytic, necrotising, subacute
- 2). Spleen, ellipsoids: Histiocytosis, moderate, diffuse

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

COMMENTS:

In 3 of 5 sections the multisystemic inflammatory infiltrate is consistent with a fulminating septicaemia which likely would have contributed significantly in at least 2 samples to antemortem morbidity. The precise cause of this condition is unknown, however, the inflammatory infiltrate is suggestive of bacterial kidney disease and follow up evaluation of fresh tissue by ancillary tests is recommended. The splenic lymphoid

depletion and ellipsoid histiocytosis are sequelae to generalized sepsis. There were no other apparent lesions within the examined tissues.

FINAL REPORT