

CASE NUMBER: 04F-64-A3.1-26

DATE: July 31, 2004

**HISTOPATHOLOGY:**

Slide 62, A3.1-26-1:

- 1). Kidney: Nephritis, interstitial, moderate, multifocal to coalescing, fibrogranulomatous, chronic with lymphomyeloid hyperplasia
- 2). Spleen, ellipsoids: Fibrin deposition, mild, multifocal, random, acute

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

Slide 63, A3.1-26-2:

- 1). Heart, endocardium: Endocarditis, mild, multifocal, random, lymphohistiocytic, chronic
- 2). Liver: Cholangiohepatitis, mild to moderate, multifocal, lymphoplasmacytic, chronic

There are no significant lesions within the kidney, spleen, peripheral vasculature, or peripheral nerves.

Slide 64, A3.1-26-3:

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

Slide 65, A3.1-26-4:

- 1). Kidney: Nephritis, interstitial, marked, multifocal to coalescing, lymphohistiocytic and necrotising, subacute with florid intracellular coccobacilli
- 2). Heart: Myocarditis, moderate, multifocal, random, lymphohistiocytic, chronic
- 3). Spleen: Splenitis, moderate, multifocal to coalescing, granulomatous, chronic

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

Slide 66, A3.1-26-5:

- 1). Liver: Hepatitis, moderate, multifocal, random, lymphohistiocytic, chronic
- 2). Kidney: Nephritis, interstitial, mild to moderate, multifocal, lymphohistiocytic
- 3). Spleen: Lymphoid depletion, moderate, diffuse

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

Slide 67, A3.1-26-6:

- 1). Heart, intramural and epicardial: Myocarditis, marked, multifocal, lymphohistiocytic and necrotising, subacute
- 2). Kidney: Nephritis, interstitial, marked, multifocal to coalescing, lymphohistiocytic and necrotising, subacute with florid intracellular coccobacilli
- 3). Spleen: Lymphoid depletion, moderate, diffuse

4). Liver: Hepatitis, moderate, multifocal, random, lymphohistiocytic, chronic

There are no significant lesions within the peripheral nerves.

Slide 68, A3.1-26-7:

1). Heart: Myocarditis, mild to moderate, multifocal, lymphohistiocytic and necrotising, subacute

2). Kidney: Nephritis, interstitial, marked, multifocal to coalescing, lymphohistiocytic and necrotising, subacute with florid intracellular coccobacilli

3). Liver: Hepatitis, capsular, moderate, multifocal, random, lymphohistiocytic and fibrinous, chronically active

There are no significant lesions within the spleen, peripheral vasculature, peripheral nerves.

Slide 69, A3.1-26-8:

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

#### COMMENTS:

The multisystemic inflammation and necrosis in numerous sections is profound and would likely contribute significantly to antemortem morbidity; the infiltrate is consistent with a fulminant bacterial infection, possibly related to bacterial kidney disease and if fresh tissue is available, follow up ancillary diagnostics is recommended. The splenic ellipsoid fibrin deposition and histiocytosis is consistent with a generalized septicemia or antigenemia.

**\*FINAL REPORT\***