

CASE NUMBER: 03F-49-A-3.2-43

DATE: Aug 2, 2003

**MORPHOLOGIC DIAGNOSES:**

Slide 1, A-3.2-43-1:

- 1). Anterior kidney: Granuloma, mild to moderate, multifocal, random, chronic with lymphomyeloid hyperplasia
- 2). Peritoneum: Peritonitis, moderate, multifocal, chronic with mesothelial papillary and filariform hyperplasia (vaccine induced)
- 3). Heart, epicardium: Epicarditis, mild, segmental, granulomatous, chronic

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

Slide 2, A-3.2-43-2:

- 1). Spleen, capsule: Peritonitis, moderate, focally extensive, granulomatous, chronic

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

Slide 3, A-3.2-43-3:

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

Slide 4, A-3.2-43-4:

- 1). Spleen, capsule: Peritonitis, moderate, focally extensive, granulomatous, chronic with mesothelial hyperplasia and hypertrophy

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

Slide 5, A-3.2-43-5:

- 1). Heart, endocardia: Hyperplasia and hypertrophy (reactive), mild, multifocal, random, subacute
- 2). Anterior kidney: Granuloma, mild, focal, chronic

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

Slide 6, A-3.2-43-6:

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

Slide 7, A-3.2-43-7:

- 1). Anterior kidney: Granuloma, moderate, multifocal, random, chronic with lymphomyeloid hyperplasia
- 2). Spleen, capsule: Peritonitis, moderate, focal, chronic with mesothelial papillary and

filariiform hyperplasia (vaccine induced)

3). Heart, endocardium: Endocarditis, mild, multifocal, subacute with reactive endocardia

There are no overt lesions within the inter-renal tissue, liver, peripheral vasculature or peripheral nerves.

Slide 8, A-3.2-43-8:

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

#### COMMENTS:

In 3 of 8 section the granulomatous infiltrate is consistent with a long past bacterial infection possibly due to bacterial kidney disease and would not have contributed significantly to antemortem morbidity or clinical signs. The peritonitis noted in 4 slides is low grade and consistent with resolving vaccine induced peritonitis. The endocardial hyperplasia and hypertrophy is attributed to antigenemia associated with the granulomatous infiltrate within the kidney or, possibly the coelomic cavity.

**\*FINAL REPORT\***