

CASE NUMBER: 03F-96-P244

DATE: Dec 19, 2003

HISTOPATHOLOGY:

Slide 9, P244-1:

- 1). Kidney: Nephritis, interstitial, marked, nodular to diffuse, lymphohistiocytic with profound lymphomyeloid hyperplasia, membranous glomerulonephritis, synechiae and crescent formation
- 2). Liver: Lymphomyeloid hyperplasia, moderate, diffuse
- 3). Heart: Pancarditis, moderate, lymphomyeloid, chronic
- 4). Spleen: Lymphoid depletion, moderate, diffuse
- 5). Vasculature: Presumptive leukocytosis, moderate, multifocal, lymphomyeloid

There are no significant lesions within the peripheral nerves or adipose tissue.

Slide 10, A23-48-2:

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

COMMENTS:

There are profound differences in the histology noted between slides 1 and 2; without additional clinical details and ancillary diagnostic results, it is difficult to resolve the precise etiology and pathogenesis of the multisystemic infiltrative process in slide 1. The lack of discernible pathogens suggests possible marine anaemia or some other lymphomyeloid proliferative condition. However, long past inflammation, possibly due to bacterial kidney disease, cannot be discounted. Should fish exhibit increased morbidity, submission of extra-ocular retrobulbar tissue and segments of small intestine to assess plasmacytoid infiltration may be considered.

FINAL REPORT