

CASE NUMBER: 03F-49-A31.6

DATE: Aug 8, 2003

MORPHOLOGIC DIAGNOSES:

Slide 128, A31.6-1:

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

Slide 129, A31.6-2:

1). Heart, compact layer: Myocarditis, moderate, subendocardial to transmural, chronic, necrotising and granulomatous

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

COMMENTS:

Without gross or historical information it is difficult to resolve the contribution of the transmural myocarditis to impaired cardiovascular performance; increased oxygen demands are largely accomplished to increased stroke volume rather than heart rate and the subendocardial infiltrate may have resulted in a restrictive cardiomyopathy. The precise pathogenesis of this condition is unknown, however, similar lesions have been reported with cestodiasis (not evident within the examined tissues), nutritional, bacterial (possibly bacterial kidney disease), nutritional, hypoxic and other disease entities. If increased morbidity is noted within the stock, follow up evaluation of 5-10 hearts from moribund and clinically normal fish may be considered. There are no significant lesions within slide 128.

FINAL REPORT