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Signalment and History

• 3-year-old, female Budgerigar (*Melopsittacus undulatus*)
• Outdoor, self-breeding sustained aviary
• Found dead
Gross Findings

• Poor nutritional condition (Body condition score 2/5)

• Moderate amounts of diarrheic feces around the cloaca

• The large intestine was dark-red to purple
Morphologic Diagnoses

Gastric adenocarcinoma with vascular and lymphatic invasion

Proventricular and ventricular glandular elongation, ectasia, and displasia

Moderate diffuse necrohemorrhagic heterophilic ventriculitis, with ascomycetous yeast (*Macrorhabdus ornithogaster*) and mixed bacteria
Uncommon neoplasm among psitaccines (1,2,5,6).

A preliminary study (4) suggest an association between *Macrorhabdos ornithogaster* disease and gastric carcinoma in Budgies.

In several mammalian systems, including humans, an association between microorganisms-chronic gastric inflammation-neoplasia is well established (3)

Anjos et al 2012


Thank you !!!

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