



**PATIENT PRESENTING CLINICAL SIGNS**

Spud Ganley 2 day history anorexia. Icteric on physical exam. bloodwork elevated alt/alp/tbil (9.0) abnormal PLI. Abdominal ultrasound severely distended gallbladder with no free fluid. Bladder stones noted. Partial response to medical management. Bilirubin 7.2 after days of hospitalization.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: physical exam icteric bloodwork severely elevated alt/alp, tbil 9.2, improved to 7.2

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

**BREED** Plain and post IV contrast studies available for review.

**Terrier Mix COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Severe dilation of the gallbladder is seen. At least 4 up to 4mm sized gallbladder calculi are seen which are in part suspended. There appears to be layering of differentially attenuating gallbladder content. Severe dilation of the cystic duct is seen. The extra- and intra-hepatic biliary ducts are moderately dilated. The common bile duct presents moderate generalized dilation of up to 10mm diameter up to the level of the major duodenal papilla. No evidence of luminal calculi and no evidence of a mass lesion is seen.

Neutered Male

**AGE** Mild generalized enlargement of the pancreas and pancreaticoduodenal and hepatic lymph nodes is seen.

11

**INTERPRETED BY** Heterogeneous weak nephrograms are noted. A moderate amount of mineral attenuating material is present within both renal sinuses without evidence of obstruction.

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The spleen and adrenal glands present within normal limits.

Mild thickening of the duodenal wall is noted.

**HOSPITAL NAME** Gastroesophageal tubing is seen.

Aloha Pet & Bird Hospital

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- REFERRING VET**
- Severe dilation of the common bile duct
  - Moderate dilation of the cystic and extra- and intra-hepatic biliary ducts.
  - Distended gallbladder with highly viscous content and calculi.
  - No evidence of peritonitis.
  - Mild regional lymphadenomegaly.
  - Pancreatopathy.
  - Bilateral nephrocalcinosis and presumed degenerative changes of both kidneys.
- Dr. Dan Pepen

**INVOICE** **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

57944

Mechanical obstruction cannot be identified in the extrahepatic biliary system. However, at least the intermittent passage of calculi or mucous plugs appears likely based on the CT presentation.

**DATE** The findings of the gallbladder are highly suggestive for cholecystitis or emerging gallbladder mucocele.

4-22-23



**PATIENT**

Spud Ganley

Surgical intervention may be required to enable biliary flow should the patient remain unresponsive or only partially responsive to the initiated medical treatment.

The changes of the pancreatoduodenal and hepatic lymph nodes and pancreas suggest presence of concurrent pancreatitis and lymphadenitis.

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

Neutered Male

**AGE**

11

**INTERPRETED BY**

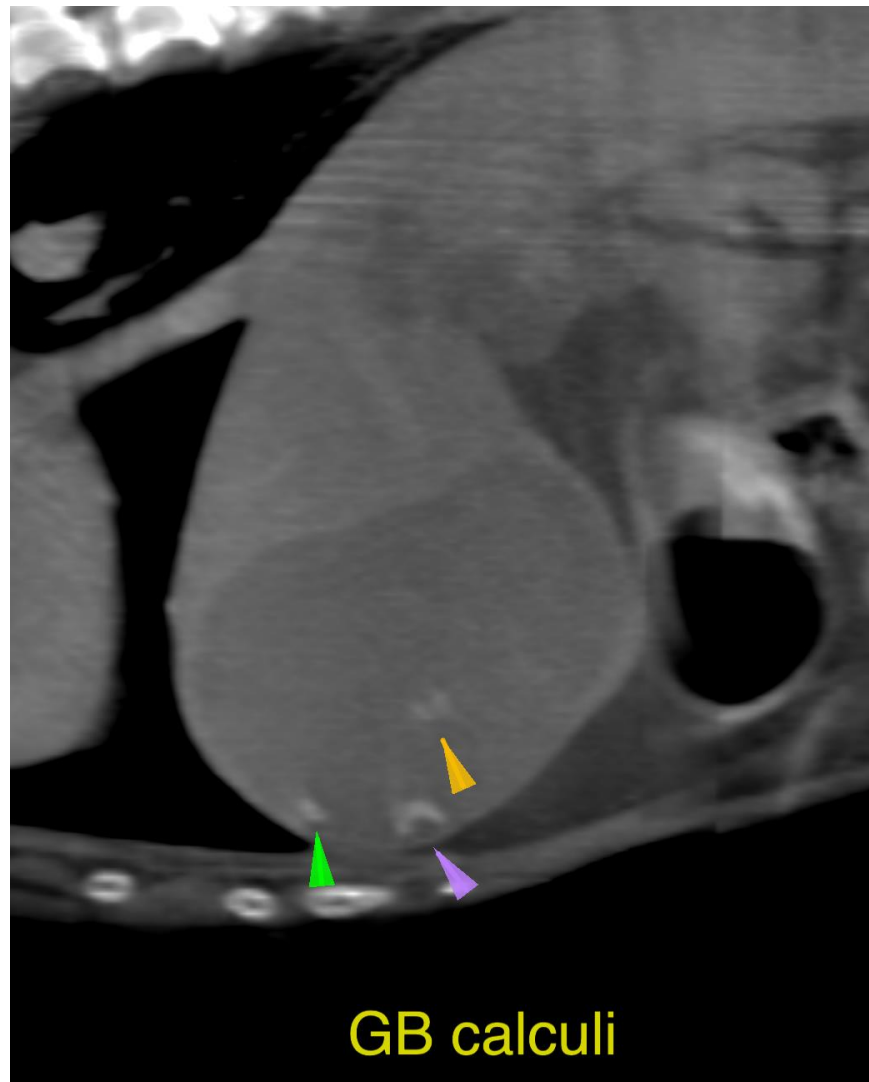
Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Aloha Pet & Bird  
Hospital

**REFERRING VET**

Dr. Dan Pepen



**INVOICE**

57944

**DATE**

4-22-23



**PATIENT**

Spud Ganley

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

Neutered Male

**AGE**

11

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Aloha Pet & Bird  
Hospital

**REFERRING VET**

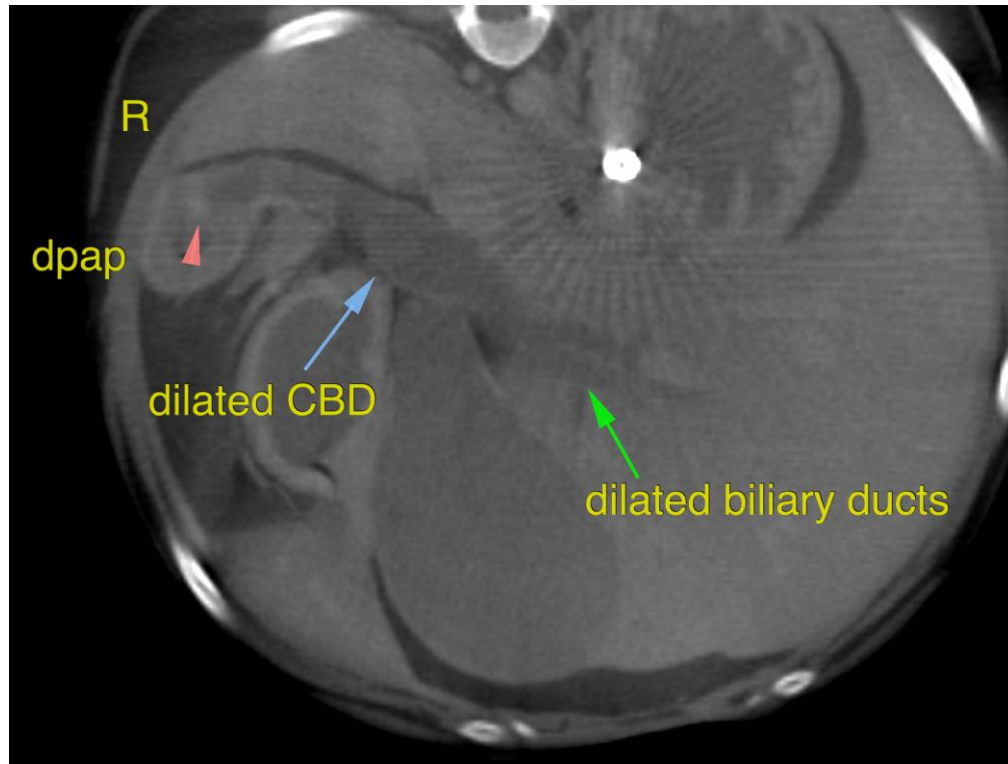
Dr. Dan Pepen

**INVOICE**

57944

**DATE**

4-22-23



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com