



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Igby Carlson	Liver enzymes have been increasing. Stool a little soft. Had an ultrasound 1/18/22 (attached). We performed an ex-lap shortly after this CT. Saponified fat was found attached to the ventral body wall and all around the pylorus. The 2nd half of jejunum was severely dilated and very little peristalsis was seen; an incisional biopsy was taken. The liver was an unhealthy yellow/red mottled color (biopsy taken); the gallbladder was very large.
<b>SPECIES</b>	
Canine	Abnormal PE/Chem/CBC/UA Results: ALT 419 ALP 430 on 1/12/22. Increasing from ALT 309 and ALP 314 on 10/23/21.
<b>BREED</b>	<b>COMPUTED TOMOGRAPHY OF THE THORAX &amp; ABDOMEN</b>
Pug	Pre/post contrast studies provided for review.
<b>SEX</b>	<b>COMPUTED TOMOGRAPHIC FINDINGS</b>
MN	Thorax:
<b>AGE</b>	The lungs are regularly ventilated with close contact to the inner thoracic wall on all sides. There is no evidence of pleural thickening, fluid accumulation or free pleural gas. Pulmonary density is within normal limits, there is no evidence of focal or nodular pulmonary lesions.
11 Years	The mediastinum is regular in width and density. Mediastinal (sternal, tracheal-, bronchial) lymph nodes are considered to be normal.
<b>INTERPRETED BY</b>	The thoracic trachea and esophagus present as expected.
Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging	The diaphragm appears normal.
<b>HOSPITAL NAME</b>	Abdomen:
Animal Health Care Denver	The liver shows moderate rounding of the liver margins. Liver texture is inconspicuous presenting a regular vasculature. The gallbladder is moderately filled without overt evidence of cholestasis. The common bile duct is considered to be normal.
<b>REFERRING VET</b>	The pancreas presents normal size and shape with a smooth surface. The peripancreatic fat tissue and omentum are inconspicuous.
Cathryn Sayer	The spleen shows normal findings in terms of size, surface, shape and contrast behavior.
<b>INVOICE</b>	Unremarkable presentation of the bilaterally symmetrical kidneys. Adrenal glands are in normal limits.
49719	
<b>DATE</b>	There is marked thickening of the wall of the ileo-colic junction, the ileum and jejunum noted. Ileum and jejunum are dilated showing mixed mottled to structured content with multiple mineral-dense spots. The mesentery presents an indicated whirl sign. Mesenteric fat and lymph
1-21-22	

**PATIENT**

Igby Carlson

nodes appear normal. An ill-defined increased density of approximately 4 cm is recognized in the fat tissue of the ventral abdomen.

Ureters, urinary bladder, trigonum and urethra are presented as expected. There is no evidence of cystic calculi.

**SPECIES**

Canine

Signs of peritoneal/retroperitoneal effusion or free gas are not recognized.

**BREED**

Pug

- Suspected obstructive lesion of the ileo-colic junction with questionable foreign material ileum/jejunum
- Hepatomegaly
- Inflammatory fat tissue
- Normal findings of the thorax

**SEX**

MN

**AGE**

11 Years

The CT findings indicate an insufficient passage of the ICJ since the intestinal wall in this area appears markedly thickened and the ileum and parts of the jejunum show significant distension with suspected congestion of ingesta. There is mild circling around the mesentery root recognized which could be an indirect sign for a (dynamic) root torsion. Severe inflammatory changes leading to dysfunction of that segment are possible as well as obstructive issues due to foreign material and neoplasia (enteritis: ulceration, necrotizing/granulomatous, foreign material and decreased perfusion, lymphoma). The current CT shows no compelling evidence of neoplasia and/or metastatic spread. The inflammatory spot of the fat tissue most likely represents local peritonitis/steatitis/necrotic tissue. This again could be due to perforating intestinal foreign material. The stomach and pyloric region are inconspicuous as far as can be assessed with CT.

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

**HOSPITAL NAME**

Animal Health Care  
Denver

Hepatomegaly is an unspecific finding and commonly seen with chronic liver disease (lipidosis, chronic hepatitis). Acute hepatitis cannot be excluded and is a potential differential diagnosis.

**REFERRING VET**

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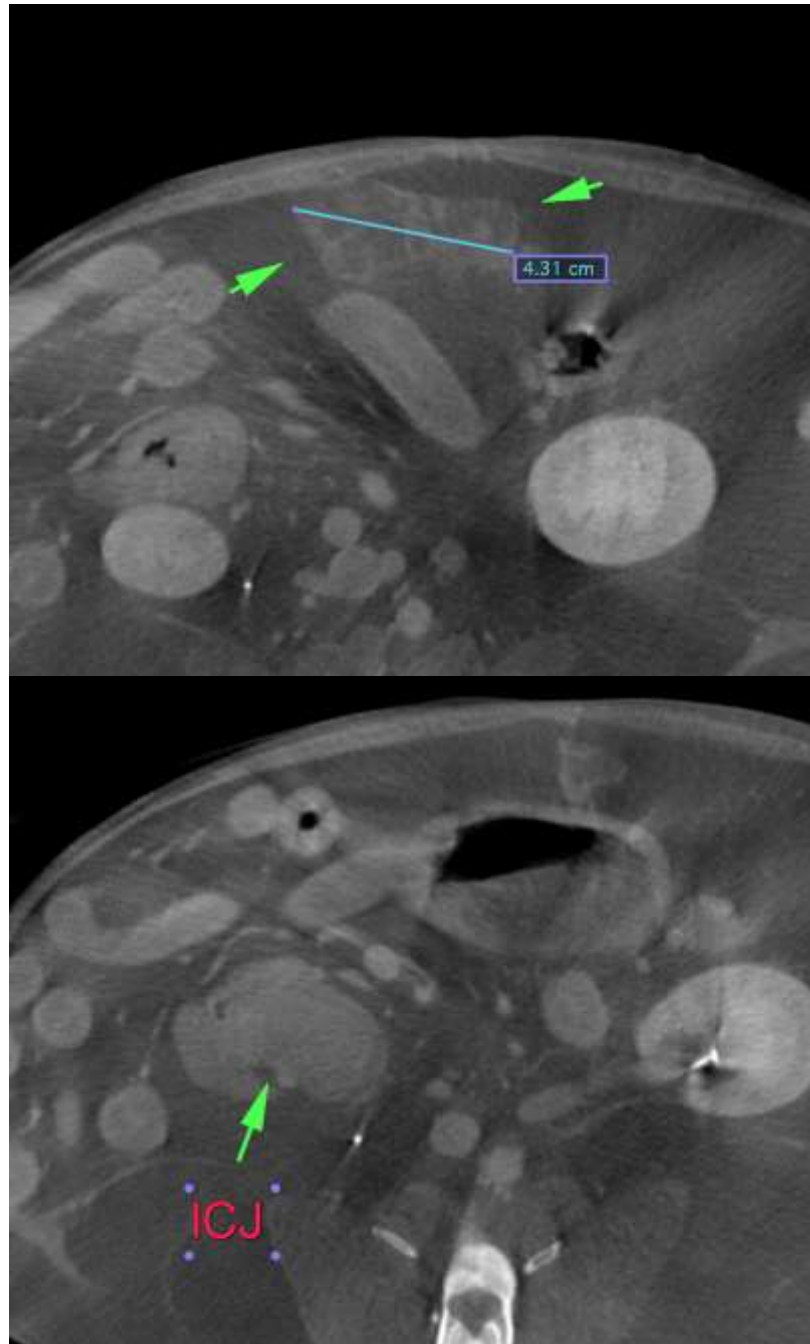
Cathryn Sayer

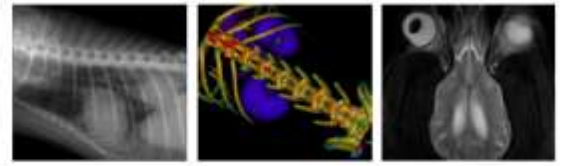
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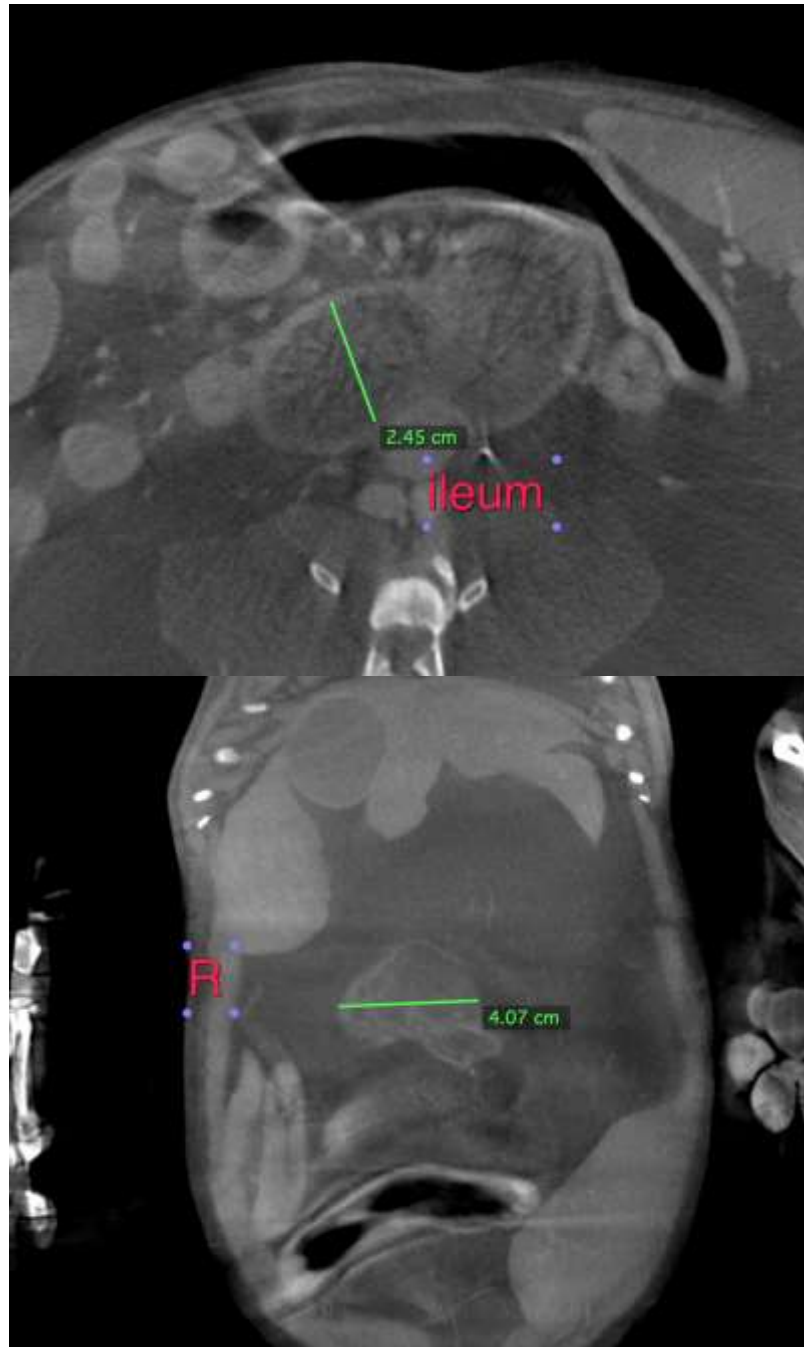
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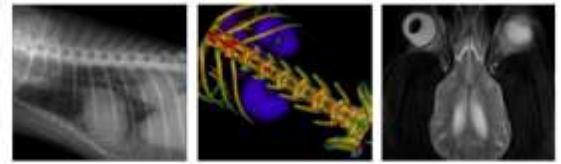
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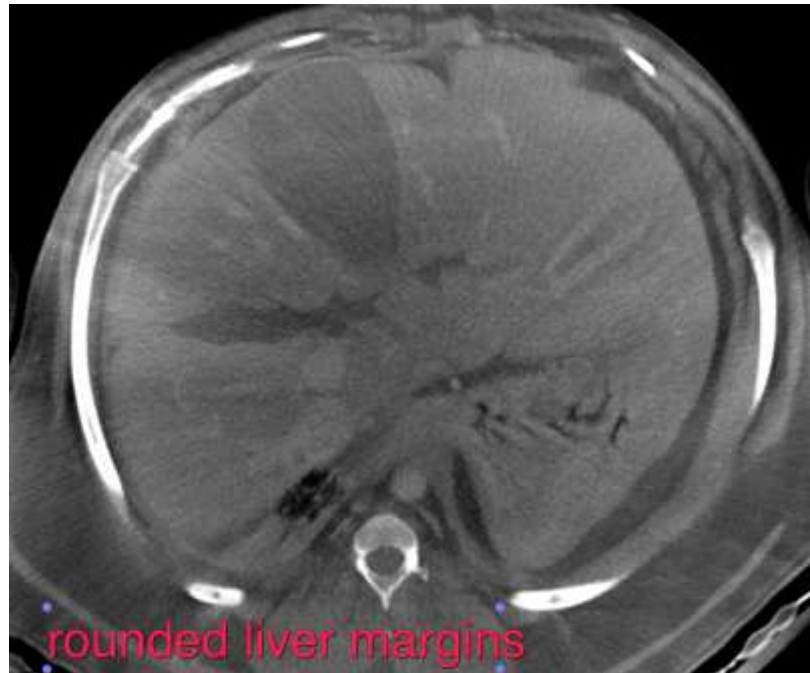
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging**  
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