



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Mocha Hoang	Mocha came with cough, sneezing , heavily breathing, restless and not feeling well . eat less and lethargic. . seems in pain . had a history of mild elevated liver enzymes before . his recent BW shows more increase in his liver enzymes
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: ALP: 1389 (5 - 161 ) ALT : 996 (6 - 118 ) AST 99: (5 - 71 ) Amylase : 1705 (280 - 1400 ) Lipase: 2044 (20 - 560)
Canine	<b>RADIOGRAPHIC STUDY OF THORAX AND ABDOMEN</b>
<b>BREED</b>	RLR, LLR, VD dogogram
Shih Tzu	<b>RADIOGRAPHIC FINDINGS</b>
	The body condition score is 5/9 and the ventral abdominal wall is pendulant.
<b>SEX</b>	Arthrosis is present in both shoulder joints.
MN	The fat in the abdomen is only visible ventrally. The diaphragm is located well cranially, and the dome overlaps the caudal heart border. This result is reduced expansion of the lungs.
<b>AGE</b>	<u>Thorax</u>
11 Years	The lungs are in contact with the thoracic boundaries and the tips are pointed. Bronchial calcification is present. The caudo-dorsal lobes show an increased interstitial pattern whereas the other lobes appear to be well aerated. The degree of pulmonary expansion is fair at best.
<b>INTERPRETED BY</b>	The cranial mediastinum is of physiological size and opacity. The trachea diverges from the thoracic vertebrae and the carina is located at T5. The height of the tracheal lumen is reduced from dorsally by approx. 10%
Heike Rudolf, DVM, Dr. med. Vet., DipECVDI DVR	The cardiac silhouette occupies 85% of the chest height and 3 intercostal spaces. No chamber or outflow tract enlargement is obvious.
<b>HOSPITAL NAME</b>	<u>Abdomen</u>
Brittany Glen Animal Hospital	The cranial half of the abdomen is occupied by a soft tissue mass. In R lateral recumbency the gastric axis has a sigmoid shape and gas is present in all components, the wall appears thick, and a soft tissue opacity runs ventral to it, enveloping it caudally. In L lateral recumbency the gas is located in the fundus and the mass appears with a straight caudal edge (possibly the spleen) which extends from L2 perpendicular to the to the ventral body wall. Mineralized bile ducts are evident in the cranio-ventral liver lobe.
<b>REFERRING VET</b>	The intestinal loops occupy the caudal half of the abdomen.
Dr. Boktor	The R renal shadow has been caudally displaced, and the cranial pole is medially displaced. The bladder shadow is not discernable.
<b>INVOICE</b>	The region of the sublumbar lymph nodes appears physiological.
47391	
<b>DATE</b>	
9-14-21	



**PATIENT**

Mocha Hoang

**RADIOGRAPHIC DIAGNOSIS**

- Mass cranial abdomen
- Tracheal collapse
- Bile duct calcification
- Spondylosis
- Shoulder OA

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Shih Tzu

The mass effect is most likely produced by hepatic enlargement. Abdominal ultrasound is strongly recommended to rule out/identify a liver tumor. The mass pushes the diaphragm cranially and reduces the air volume in the caudal lobes. Tracheal collapse is usually caused by chondromalacia and is thus due to an altered cartilage development which may go unnoticed until disease (e.g. abdominal mass, L cardiac enlargement) or physical circumstances (such as stress, running, excitement) reduces the ease of airflow. Echocardiography to assess mitral valve and L atrial size is recommended.

**SEX**

MN

**TECHNICAL COMMENTS**

Only jpg images were submitted. The transformation from DICOM to jpg reduces the image quality and only allows limited manipulation of the image. More subtle lesions can thus easily be missed. For the best possible imaging reports, I suggest submitting DICOM images in the future.

**AGE**

11 Years

**INTERPRETED BY**

Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDI DVR

**HOSPITAL NAME**

Brittany Glen Animal  
Hospital

**REFERRING VET**

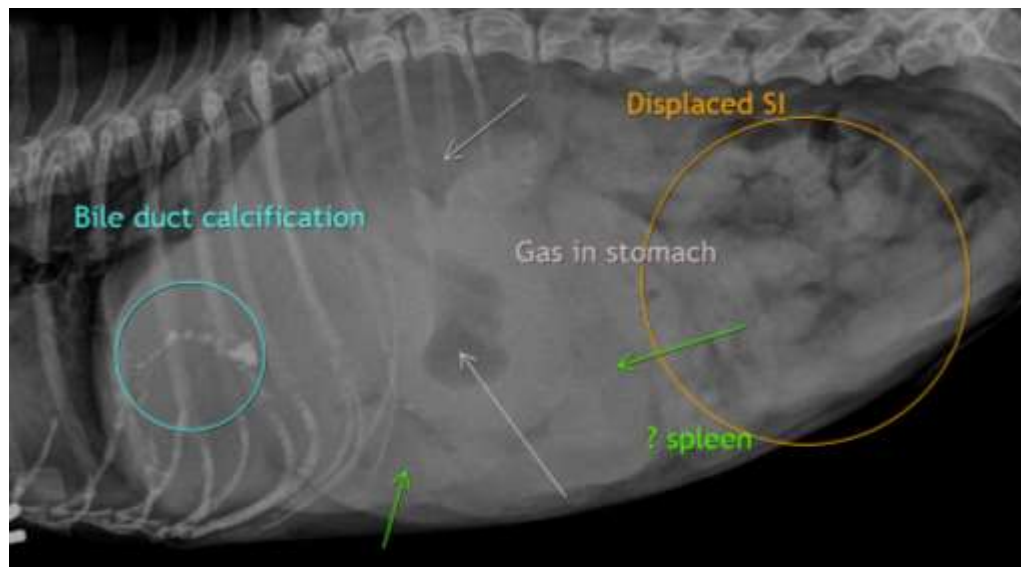
Dr. Bektor

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**PATIENT**

Mocha Hoang

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

**SPECIES**

Canine

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.

**BREED**

Shih Tzu

**Heike Rudorf, DVM, Dr. med. vet., DipECVDI, DVR**  
Dr.H.Rudorf@gmail.com

**SEX**

MN

**AGE**

11 Years

**INTERPRETED BY**

Heike Rudorf, DVM,  
Dr. med. Vet.,  
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Dr. Boktor

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