



**PATIENT PRESENTING CLINICAL SIGNS**

Callie Falk elevation liver enzymes Hepatic mass Urinary bladder mass

**COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

**SPECIES** A high resolution post-contrast CT study of the thorax and abdomen is provided for review.

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

The body condition score is 3/9.

**BREED** Thorax

Maltese Mix The bony and surrounding soft tissue structures are within normal limits. The diaphragm is in a relative cranial position due to abdominal mass effect. The pulmonary volume is generalized mildly decreased. The lung parenchyma presents the expected architecture and attenuation behavior.

**SEX** FS The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

**AGE** The cardiovascular structures including the pulmonary vasculature are within normal limits.

11 Years Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**INTERPRETED BY** Abdomen

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Protruding from left division of the liver, a large, ovoid shaped, heterogeneous contrast enhancing, ovoid shaped mass is protruding caudally into the abdomen up to the level of L7. The left divisional hepatic mass is measuring 14.4 x 11.3 x 20.5 cm in size. The structures of the gastrointestinal tract are deviated dorsally and caudally, and the urinary bladder is deviated caudally, partially into the pelvic canal, by the mass effect.

**HOSPITAL NAME** Animal Surgical Center The right liver lobes appear to be normal in shape and present a homogeneous contrast enhancing parenchyma.

**REFERRING VET** In the gallbladder, a mineral attenuating, roundish body is seen, measuring 5 mm in diameter.

Banfield in Farmingdale Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

**INVOICE** The spleen presents with normal shape, even surface, uniformly contrast enhancing parenchyma, unremarkable.

55997 The periarticular bones of both stifle joints present moderate osteophyte new bone formation. The patella of the right stifle joint is located medially to the medial trochlear ridge. The patella of the left stifle joint is located cranial to the medial femoral trochlear ridge and presents an irregular shaped crescent shaped depression at the caudal articular surface.

**DATE**

1-4-23



**PATIENT**                      **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Callie Falk

- Large left divisional hepatic mass
- Solitary cholecystolith without signs of obstruction
- Right sided medial patellar luxation

**SPECIES**

Canine

- Suspect left sided medial patellar luxation
- Degenerative osteoarthritis stifle joints bilaterally
- No evidence of pulmonary metastatic disease

**BREED**

Maltese Mix

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study presents a large hepatic mass, originating from the left aspect of the liver and occupying major parts of the peritoneal cavity with mass effect on the abdominal organs. Primary hepatic neoplasia is the diagnosis, such as hepatocellular adenoma/carcinoma, sarcoma of different origin, cholangiocellular carcinoma, other. As the mass is most likely originating from one of the left liver lobes, surgical excision appears as an option and is supposed to be feasible.

**SEX**

FS

No abnormalities of the urinary bladder are appreciated, but the caudal displacement due to the mass effect. If a mass was appreciated, recommend ultrasound guided suction biopsy.

**AGE**

11 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Animal Surgical  
Center

**REFERRING VET**

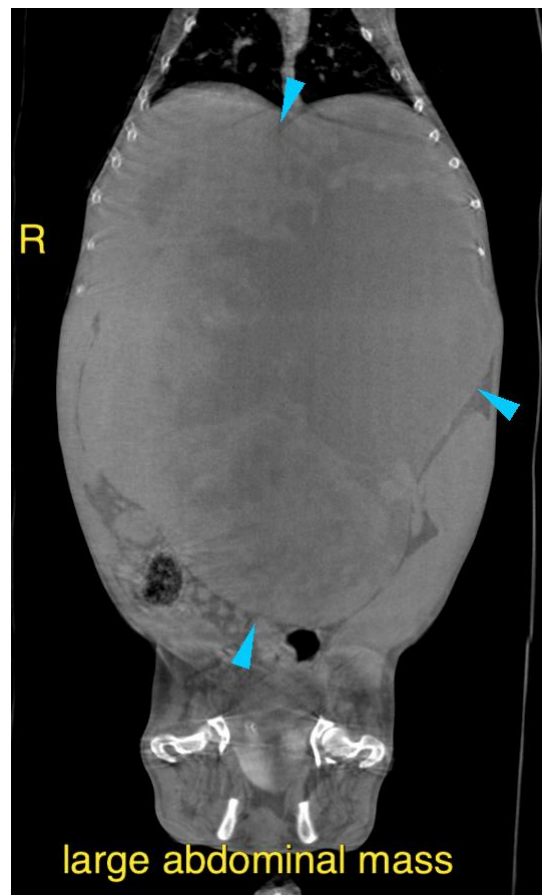
Banfield in  
Farmingdale

**INVOICE**

55997

**DATE**

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**PATIENT**

Callie Falk

**SPECIES**

Canine

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.

**BREED**

Maltese Mix

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 Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**SEX**

FS

**AGE**

11 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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