



**PATIENT**

Fisherman Bert

**PRESENTING CLINICAL SIGNS**

Patient presents today for full body CT. Diagnosed squamous cell carcinoma on January 30th 2023. Checking for metastasis.

**SPECIES**

Feline

**COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN**

A high resolution pre- and post-contrast CT study of the skull, thorax and abdomen is provided for review.

**BREED**

Domestic Shorthair

**COMPUTED TOMOGRAPHIC FINDINGS**

Skull

Multiple teeth are absent.

**SEX**

Neutered Male

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**AGE**

10 Years, 10 Months

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

In the subcutaneous tissue of the left submandibular region, an ill-defined, uniform soft tissue attenuating and heterogeneous contrast enhancing mass is visible, presenting a post contrast hypoattenuating central region. The submandibular mass is measuring 3.4 x 2.0 x 2.9 cm in size.

**HOSPITAL NAME**

Queen Creek  
Veterinary Clinic

The medial retropharyngeal lymph nodes are prominent.

The left deep cervical lymph node is prominent and has a heterogeneous contrast enhancement pattern.

**REFERRING VET**

Dr. Carly Meschino

Thorax

The vertebral endplates T5/T6 present mild spondylosis formation.

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.

**INVOICE**

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

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

**DATE**

2-6-23

The lung parenchyma presents the expected architecture and attenuation behavior.

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

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Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**SPECIES**

Feline

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 right ureter is crossing dorsally over the caudal vena cava level with T4/T5.

**BREED**

Domestic Shorthair

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

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Mild dilation of the intrahepatic biliary vessels is appreciated.

**SEX**

Neutered Male

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

**AGE**

10 Years, 10 Months

The bony and surrounding soft tissue structures reveal no abnormalities.

**INTERPRETED BY**Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Left submandibular soft tissue mass
- Lymphadenopathy medial retropharyngeal lymph nodes bilaterally and left deep cervical lymph node
- Mild dilation of the intrahepatic biliary vessels without signs of mechanical obstruction
- Right sided retrocaudal ureter without evidence of obstruction
- Multiple absent teeth
- No evidence of pulmonary metastatic disease

**HOSPITAL NAME**Queen Creek  
Veterinary Clinic**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The left submandibular mass is fitting the history of squamous cell carcinoma – the margins of the mass are ill-defined.

**REFERRING VET**

Dr. Carly Meschino

The prominent tributary lymph nodes are concerning for metastatic spread, recommend FNA sampling.

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**REFERRING VET**

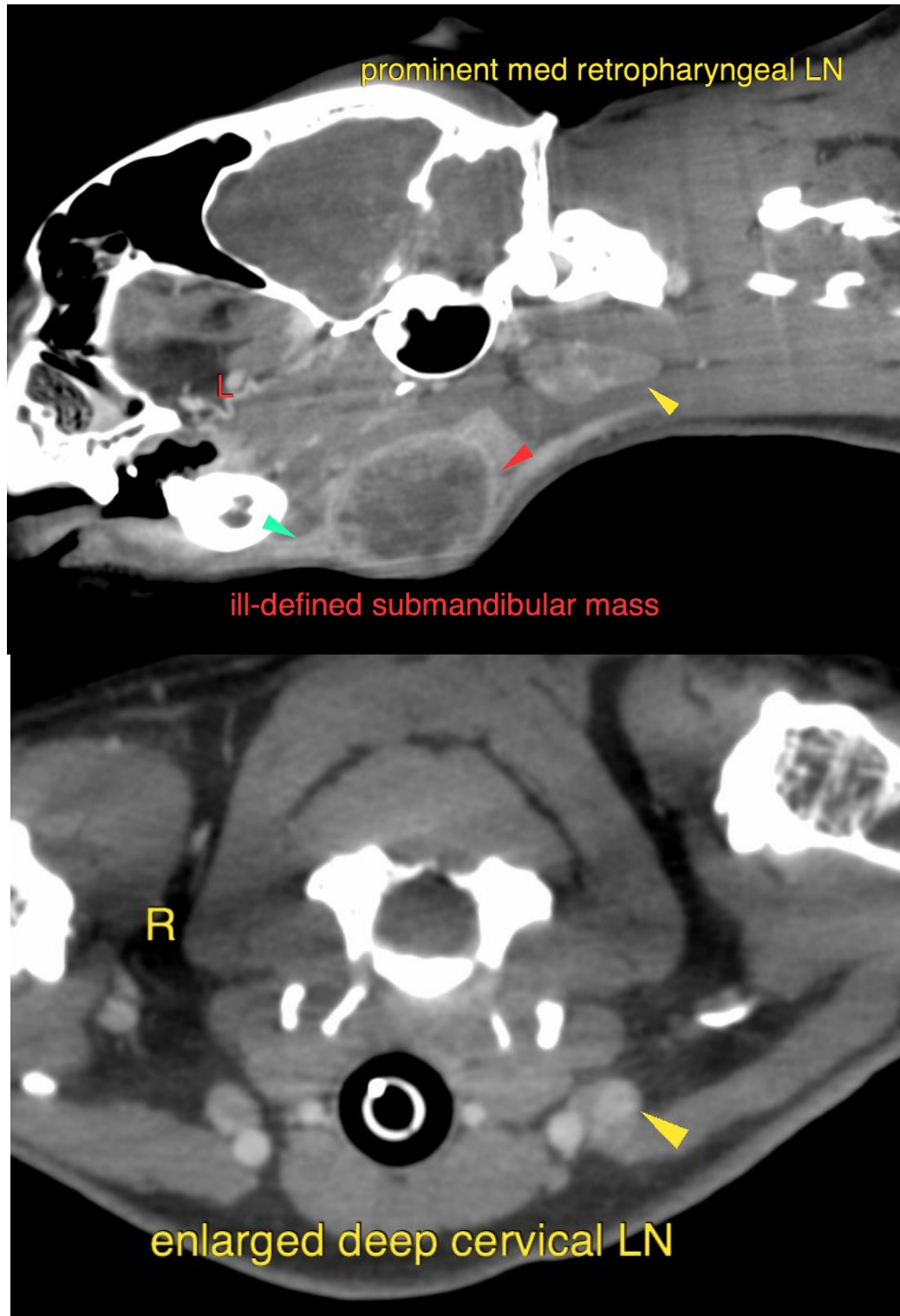
Dr. Carly Meschino

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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.

**BREED**

Domestic Shorthair

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

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