



PATIENT PRESENTING CLINICAL SIGNS

Simba Chiang Chronic bronchitis, tail paralysis. Change in voice. Multiple old fractures. FELV positive. Hx of anorexia.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

Feline A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

DSH Skull

All teeth are absent and mild to moderate atrophy of the alveolar bone in all jaw quadrants is present. Two retained remnants of the tooth roots of triadan 107&108 are noted within the alveolar bone, without signs of periodontal disease.

SEX

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

AGE

Approx. 7 Years Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The right tympanic bulla is filled with uniform soft tissue attenuating and non-contrast enhancing material. The osseous lining of the right tympanic bulla is mildly thickened and smooth. The external ear canals are within normal limits.

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.

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The right medial retropharyngeal lymph node is significantly enlarged, rounded, with a heterogeneous contrast enhancement pattern; the short-to-long-axis ratio is increased >0.5.

The remainder of the osseous and soft tissue structures of the neck are within normal limits.

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Thorax

In the dorsal aspect of the left 8th intercostal space, a metal attenuating air-gun pellet is visible. The left distal humeral diaphysis presents with a healed long oblique fracture with moderate smooth callus formation.

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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.

DATE

3-3-22

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

Mild thickening of the bronchial walls are seen.



PATIENT The ventral aspects of the lung present with regions of dystelectasis. The lung parenchyma presents the expected architecture and attenuation behavior.

Simba Chiang

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

SPECIES

Abdomen

Feline

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

BREED

DSH

The volume of the right kidney is moderately decreased, and the margins are mildly irregular. The margins of the left kidney are mildly irregular. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

SEX

Neutered Male

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.

AGE

Approx. 7 Years

Mild dilation of the intrahepatic branches of the biliary tree is noted.

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

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

The vertebral endplates L6/L7 present moderate spondylosis formation.

HOSPITAL NAME

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The right proximal femur presents with advanced callus formation due to oblique proximal femoral fracture with mild to moderate medial and caudal deviation of the distal segment of the right femur. The right femoral head is separated from the diaphysis and ankylosis of the femoral head within the acetabular groove is noted.

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The 4th and 5th caudate vertebra are fused.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Lymphadenopathy right medial retropharyngeal lymph node
- Chronic nephropathy, R>L
- Mild dilation biliary tree without signs of mechanical obstruction
- Right sided otitis media
- Bronchial lung pattern – consistent with feline bronchial disease
- Chronic traumatic distal humeral diaphyseal fracture – fracture is in the remodeling phase
- Chronic traumatic right proximal femoral fracture and fracture of the femoral neck with pseudarthrosis formation and ankylosis of the femoral head within the acetabular groove
- Air-gun pellet 8th left intercostal space
- History of full mouth dental extraction



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Simba Chiang The enlarged right medial retropharyngeal lymph node is concerning for neoplastic transformation (e.g. round cell tumor). Recommend FNA sampling for further definition.

SPECIES The dilation of the biliary tree can indicate increased outflow resistance, but no mechanical cause can be identified in the current CT study. Correlate with findings from lab work – e.g. evidence of pancreatitis.
Feline

BREED

DSH

SEX

Neutered Male

AGE

Approx. 7 Years

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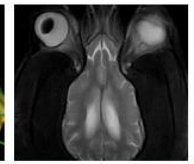
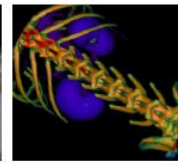
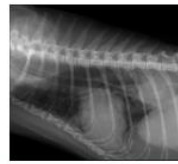
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PATIENT

Simba Chiang

SPECIES

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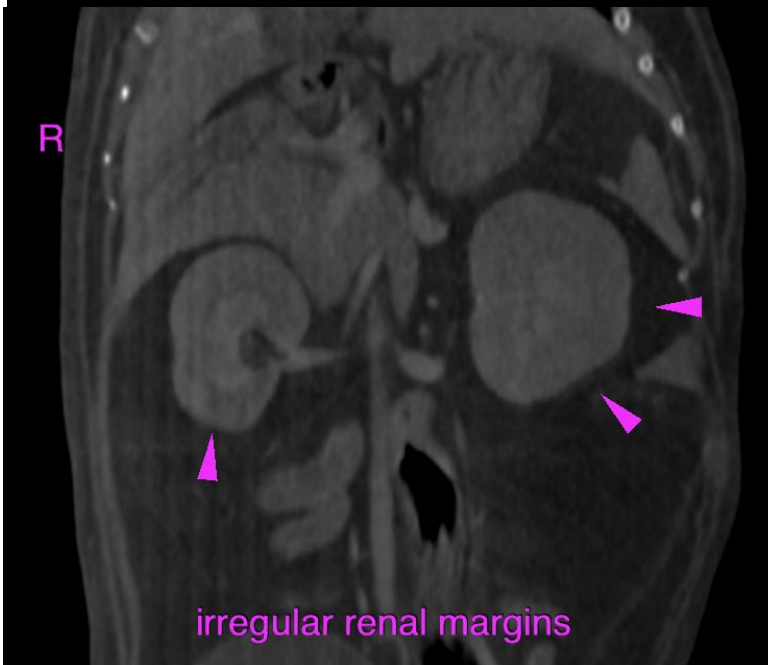
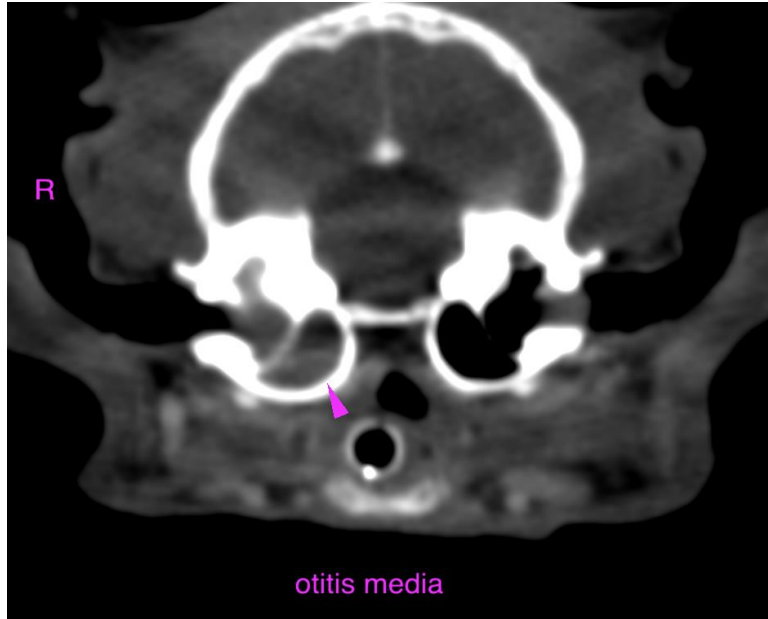
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**PATIENT**

Simba Chiang

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.

SPECIES

Feline

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.

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Neutered Male

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