



PATIENT PRESENTING CLINICAL SIGNS

Holly Florida Coastal Cocker Rescue

Rescued pet. Hx of otitis and growth in Right ear canal. Radiographs showed possible rounding of the liver.

Abnormal PE/Chem/CBC/UA Results: Biopsy results from Right ear growth: **MICROSCOPIC DESCRIPTION:** There is a multilobulated mass comprised of nests, acini, papillary projections, and trabeculae of neoplastic epithelial cells within a moderate fibrovascular stroma. Neoplastic epithelial cells are columnar to cuboidal with distinct cell borders and abundant eosinophilic cytoplasm. There is moderate anisocytosis and anisokaryosis. Nuclei are round to oval with lightly stippled chromatin and prominent nucleoli. **MICROSCOPIC INTERPRETATION:** Favor carcinoma (see comments) Margins: Changes extend to the deep and lateral margins of the sample submitted (histologically evaluated) Mitotic count (i.e. mitoses in 10, 400X HPF): 2

SPECIES

Canine

BREED

Cocker Spaniel

COMPUTED TOMOGRAPHY OF THE SKULL AND ABDOMEN

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

SEX

Spayed Female

COMPUTED TOMOGRAPHIC FINDINGS

Skull

AGE

9 Years

The tooth elements 104-106, 205 and 206 are absent. Triadan 201 presents a moderate widening of the periodontal space.

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals present a significant thickening of the wall, L>R.

HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Meaux

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

Multiple cutaneous wart-like lesions are seen along the dorsal aspect of the neck.

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Abdomen

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

DATE

3-16-22

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.



PATIENT No ovaries are appreciated, and the vagina/uterus ends blindly dorsal to the urinary bladder.

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

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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The hepatic volume is moderately increased, and the caudal margins are protruding caudally beyond the costal arch and are rounded. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

BREED

Cocker Spaniel

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

The stomach is nearly empty. In the pyloric antrum, a hollow roundish mild hyperattenuating body, measuring 1.5 cm in diameter is visible. The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

SEX

Spayed Female

All intervertebral discs of the lumbar spine are mildly protruding into the vertebral canal, distorting the ventral epidural space. Multifocal moderate spondylosis formation is seen along the lumbar spine.

AGE

9 Years

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral otitis externa, R>>L, with right sided complete obliteration of the external ear canal
- Gastric foreign body
- Hepatomegaly
- Generalized mild to moderate intervertebral disc protrusion along the lumbar spine with possible dynamic spinal cord compression.
- Absent triadan 104-106, 205 and 206
- No evidence of otitis media

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Mobile Pet Imaging

The marked thickening of the horizontal segment of the right external ear canal is fitting the history of a mural mass – biopsy is concerning for (ceruminous gland) adenocarcinoma. Complete surgical excision of the mass by right sided total ear canal ablation appears feasible.

REFERRING VET

Meaux

A foreign body is seen in the stomach – suspect plastic. Due to the size of the foreign body, there is potential risk of intestinal obstruction. Removing the foreign body is recommended.

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

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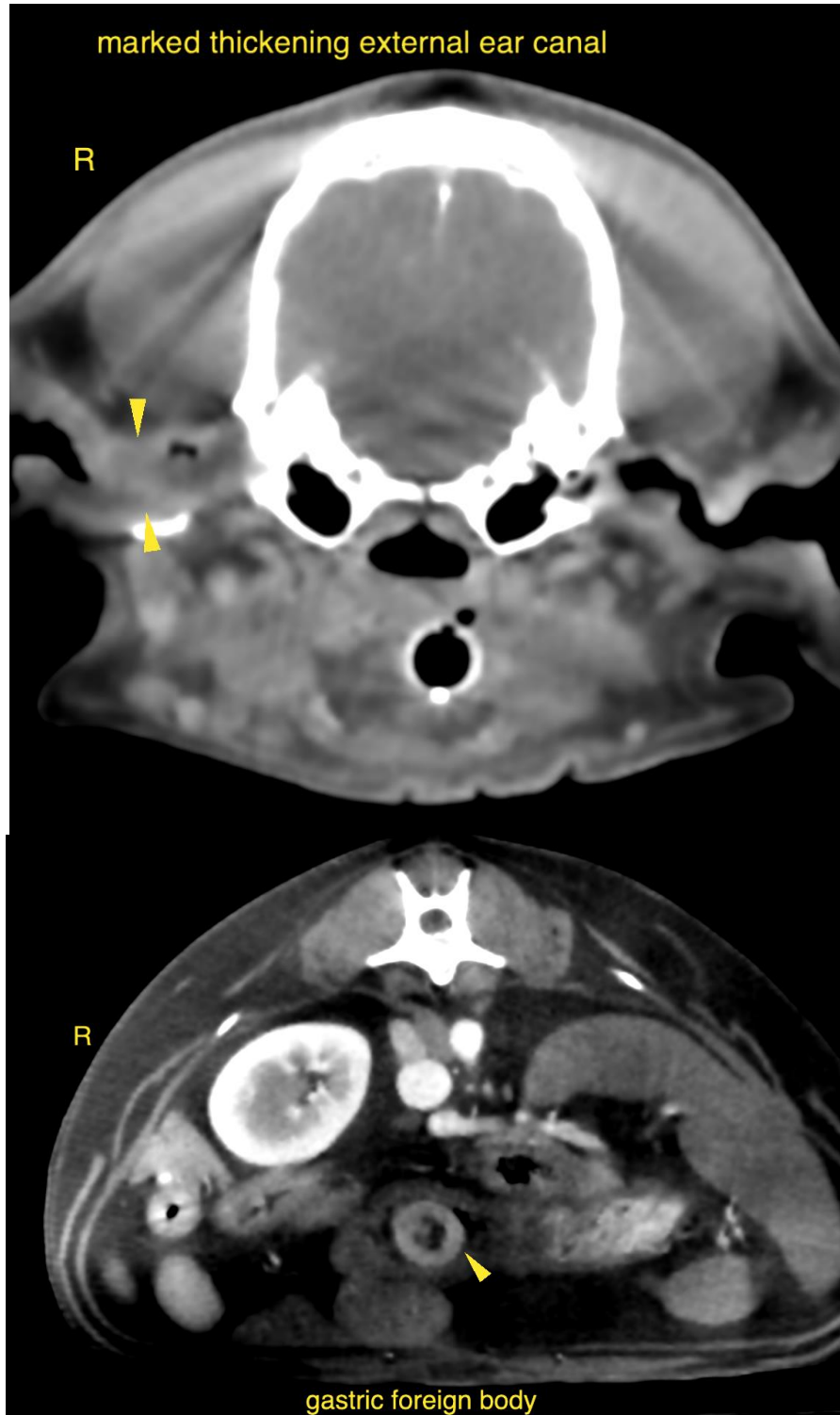
Meaux

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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.

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

Cocker Spaniel

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