



PATIENT PRESENTING CLINICAL SIGNS

Fia Maniaci • Presented on emergency due to a five day history of inappetence, trembling and subdued behavior.

SPECIES Abnormal PE/Chem/CBC/UA Results: Subdued behavior and mild dehydration noted on exam. NAF otherwise. CBC, chemistry unremarkable. A soft tissue mass in the cranial mediastinum was noted on radiographs. Fluoroscopy performed following recovery from anesthesia for CT, showed food boluses passing around the mass without impedance.
Canine

BREED COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

French Bulldog Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX A large soft tissue attenuating ovoid mass measuring ~ 6 cm x 4 cm x 3.5 cm is located in the dorsal mediastinum extending from the cranial to mid thoracic region. The mass has ill-defined margins and a broad base along the spine. Strong non-uniform contrast enhancement is noted within the mass.
F

AGE The mass exerts significant mass effect causing ventral deviation of the trachea, esophagus and heart.

1yr Aggressive osteolysis of the T2 and T3 vertebrae is noted on the right side with destruction of the proximal portions of the right second and third ribs.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
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The mass invades the spinal canal resulting in deviation and extradural compression of the spinal cord.

Multiple moderately enlarged cranial mediastinal lymph nodes are seen.

HOSPITAL NAME

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No evidence of pulmonary nodules consolidation or interstitial changes is observed.

The plural space is free of fluid.

REFERRING VET

Sarah Green

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Aggressive dorsal mediastinal mass with extensive osseous involvement, aggressive osteolysis and spinal canal invasion causing extradural spinal cord compression.
- Multiple enlarged cranial mediastinal lymph nodes.

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DATE

02/01/2026

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The imaging features are concerning for a highly aggressive paravertebral mediastinal neoplasm such as primary sarcoma, lymphoma or less likely thymic carcinoma given the destructive bone changes and spinal canal invasion.

The mass effect on trachea and esophagus explain clinical signs such as dysphagia, regurgitation



PATIENT and/ or respiratory compromise.

Fia Maniaci The spinal cord compression is significant, and neurologic deficits may develop or progress. The mass is considered non-resectable owing to the spinal canal involvement.

SPECIES The cranial mediastinal lymphadenopathy could represent reactive or metastatic disease. Cytology or histopathology of the mass and lymph nodes would be required for definitive diagnosis.

Canine Unfortunately, the long-term prognosis is poor.

BREED

French Bulldog

SEX

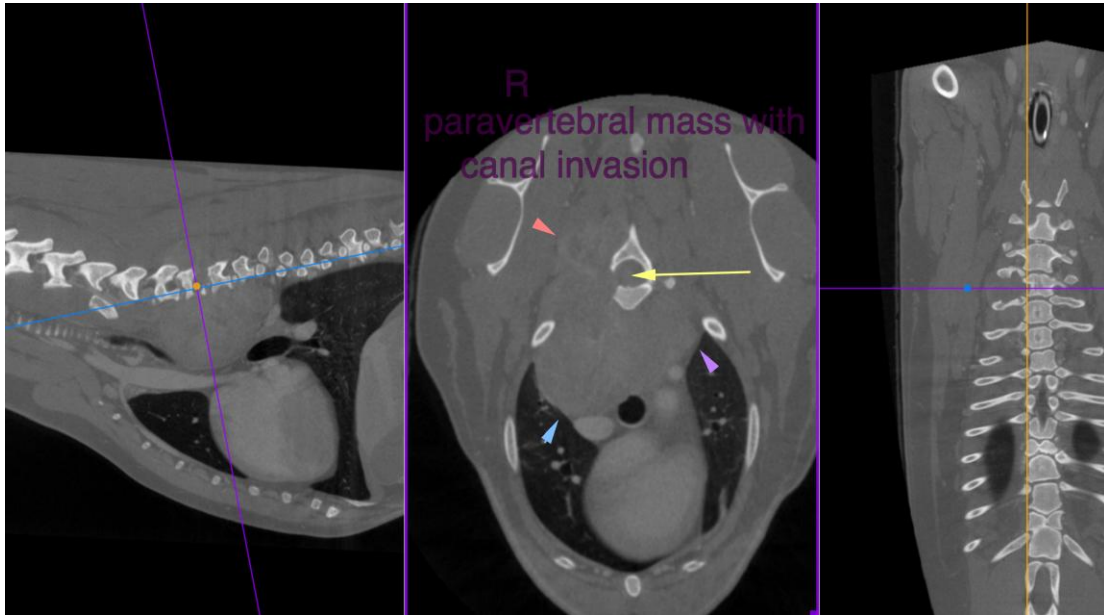
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AGE

1yr

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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.

REFERRING VET

Sarah Green

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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PATIENT

Fia Maniaci

SPECIES

Canine

BREED

French Bulldog

SEX

F

AGE

1yr

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