

**PATIENT**

Diva Vella

PRESENTING CLINICAL SIGNS

Impaled by a stick which is evident in the cervical area. Also noted left parathyroid mass with no history of PU/PD or hypercalcemia.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE NECK

Plain and post contrast studies in soft tissue and lung windows available for review.

BREEDGerman Shorthaired
Pointer**COMPUTED TOMOGRAPHIC FINDINGS**

A 15.0 cm long and 13mm wide well delineated hollow stick is seen in the ventral neck. The stick has entered the cutaneous tissues to the right of the midline level with the larynx and extends caudally in the hypaxial musculature and passes the right carotid artery medially and the trachea and esophagus laterally to cross the midline towards the left side and end in the soft tissues under the left scapula cranial of the 1st left rib. The stick passes in very close proximity to the esophagus, trachea, and the left transverse processes of C6 and C7. However, no direct injury of these structures can be seen. There is extensive interfascial and intermuscular as well as subcutaneous emphysema in the hypaxial soft tissues with fat stranding and increased contrast enhancement. The right lobe of the thyroid is deviated dorsally by the stick; however, reveals no structural abnormality.

SEX

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AGE

9

A 5.5mm sized hypoattenuating and hypoenhancing round structure is seen in the left lobe of the thyroid gland in the position of the internal parathyroid.

Mild fat stranding and emphysema are seen in the cranial and mid mediastinum.

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Traumatic injury with large organic foreign body (15.0 cm long stick) in the ventral neck with extensive emphysema, hematoma, and inflammation - no direct evidence of tracheal or esophageal injury.
- Mild mediastinal effusion and mild pneumomediastinum.
- Left internal thyroid nodule suggestive for internal parathyroid enlargement.

HOSPITAL NAMEAnimal Health
Partners**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with the history of stick injury. Critical structures around the stick are the larynx, carotid artery, trachea, esophagus, and left caudal cervical spinal nerves. No direct evidence of tracheal, laryngeal, or esophageal injury is seen. However, small injuries may be occult on CT.

REFERRING VET

Debbis Reynolds

Differential diagnosis for the left thyroid nodule includes internal parathyroid adenoma. Parathyroid hyperplasia and parathyroiditis as well as infiltrative disease are thought unlikely. A thyroid lobule cannot be ruled out entirely but is thought unlikely as well.

INVOICE

48332

DATE

11-14-21



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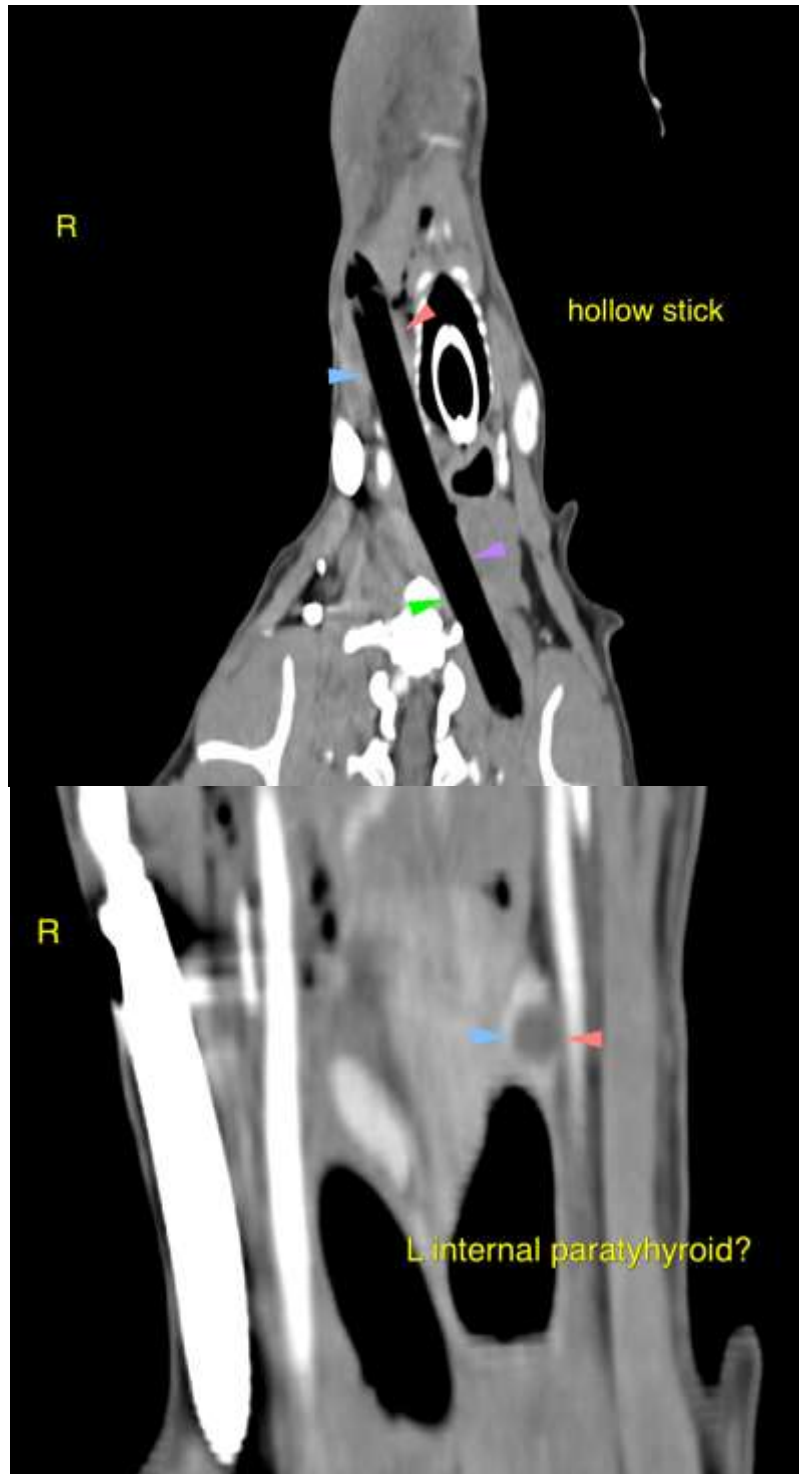
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

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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

German Shorthaired
Pointer

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