



PATIENT

Chispita Mills

SPECIES

Canine

BREED

Chihuahua

SEX

F

AGE

2Y

WEIGHT

4.1lbs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

José L. Alvarado Bruno
(CVT) - CT Scan
Technician

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. L. Brito, DVM

INVOICE

72931

DATE

12-9-25

PRESENTING CLINICAL SIGNS

Pt was presented to Vets PR on 11/29 due to vomiting and coughing episodes starting 11/26. Pt was hospitalized and barium study was performed; the findings were unremarkable. Symptoms were controlled during hospitalization and pt was sent home the next day with oral meds (reglan, famotidine, ondansetron and entyce). On 12/2, pt was presented to Vets PR again, due to inappetence, lethargy and whining. SC emphysema around throat/neck was noted on PE. Re-check rads with small amount of contrast were re-taken.

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable Radiographs Report --- CONCLUSIONS: 1. Progressive, now moderate pneumomediastinum and subcutaneous emphysema with high suspicion for leakage of barium into the caudal cervical soft tissues at the thoracic inlet which would support esophageal perforation and the cause of the pneumomediastinum and subcutaneous emphysema. No identifiable foreign material within the esophagus. A tracheal perforation is considered much less likely as these cases typically have a severe amount of subcutaneous emphysema. 2. Microcardia and thin caudal vena cava compatible with hypovolemia. 3. Normal abdomen. RECOMMENDATIONS: CT of neck and thorax.

COMPUTED TOMOGRAPHY OF THE SKULL, NECK AND THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

Skull & Neck

Multiple teeth are absent.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. A nasoesophageal tube is appreciated, running through the left nasal cavity.

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 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 lateral ventricles of the brain are moderately dilated. A prominent supracollicular fluid accumulation is appreciated.

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.

Along the fascial planes of the neck a small amount of free gas is seen - extending up into the retropharyngeal region bilaterally. No additional abnormalities along the osseous and soft tissue structures of the neck.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

In the mediastinum, a moderate amount of free gas is seen - merging with the gas along the fascial planes of the neck.

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



PATIENT

Chispita Mills

SPECIES

Canine

BREED

Chihuahua

SEX

F

AGE

2Y

WEIGHT

4.1lbs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

José L. Alvarado Bruno
(CVT) - CT Scan
Technician

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. L. Brito, DVM

INVOICE

72931

DATE

12-9-25

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

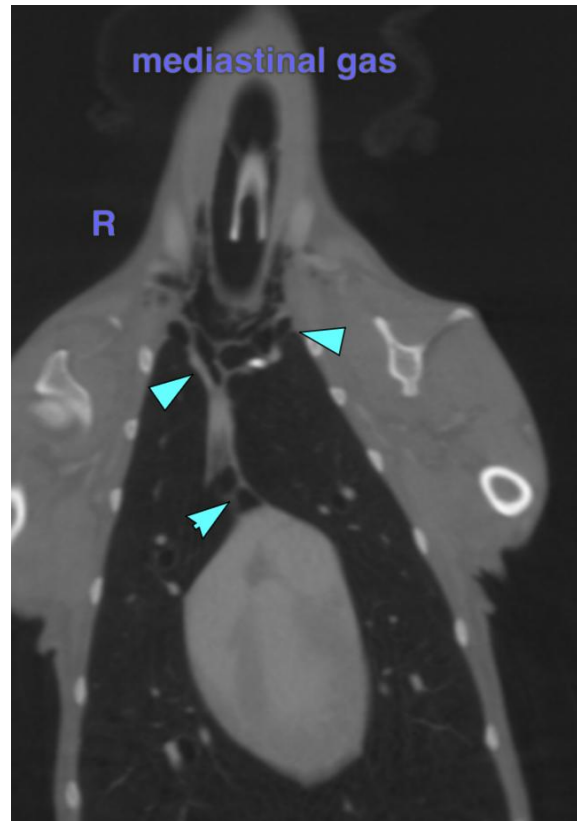
Small incidental gas pockets are seen within the esophageal lumen; there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Pneumomediastinum
- Mild emphysema along the fascial planes of the neck
- Multiple absent teeth
- Ventriculomegaly and large supracollicular fluid accumulation – likely incidental
- Normal lower airways

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are fitting the history pneumomediastinum and secondary mild emphysema along the neck as the fascial planes are continuous with the mediastinum. Regarding the history I consider the pneumomediastinum as a sequela to the history of cough and vomiting and is commonly self-limiting. There is no sign indicative for esophageal perforation. Rule out underlying primary lower airway infection such as canine infectious respiratory disease complex.





PATIENT

Chispita Mills

SPECIES

Canine

BREED

Chihuahua

SEX

F

AGE

2Y

WEIGHT

4.1lbs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

José L. Alvarado Bruno
(CVT) - CT Scan
Technician

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

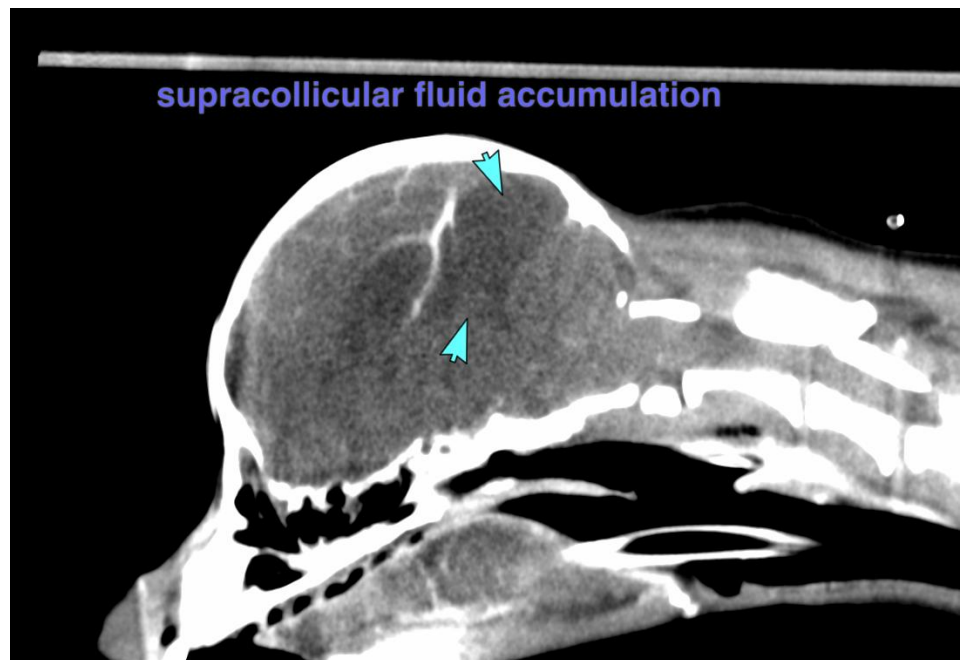
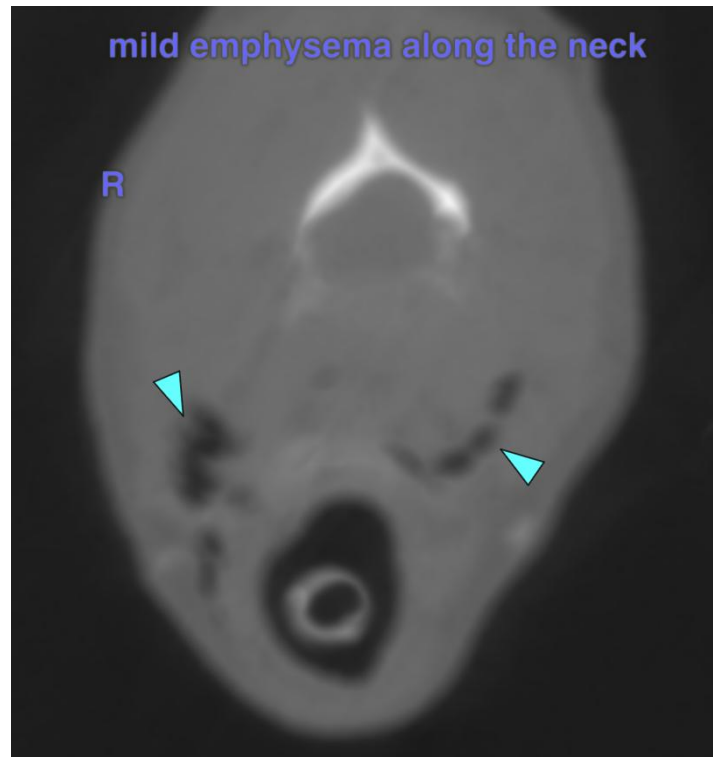
Dr. L. Brito, DVM

INVOICE

72931

DATE

12-9-25





PATIENT

Chispita Mills

SPECIES

Canine

BREED

Chihuahua

SEX

F

AGE

2Y

WEIGHT

4.1lbs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

José L. Alvarado Bruno
(CVT) - CT Scan
Technician

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. L. Brito, DVM

INVOICE

72931

DATE

12-9-25

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.

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
info@sonopath.com