



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT**  
Brutus Gayle

**SPECIES**  
Canine

**BREED**  
Beagle Mix

**SEX**  
MN

**AGE**  
12 Years

**INTERPRETED BY**  
Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDDI DVR

**HOSPITAL NAME**  
Paws and Claws  
Urgent Care

**REFERRING VET**  
Dr. Juarez

**INVOICE**  
47511

**DATE**  
9-23-21

Pet was seen on 9/10/21 for wellness exam and dental exam, on P.E. was noted new heart murmur grade III-IV/VI, multiple lipomas and several dental Dz, O did mention that pet is sleeping more and cough was noted, originally O declined RADS and BW to lab and was started empirically on Pimobendan and hydrocodone PRN, but in the am of 9/22/21 pet had a possible seizure where pet was laterally recumbent and abnormal positioning of paws (flexed) but recuperated seemingly fast  
Abnormal PE/Chem/CBC/UA Results: BW results pending

**RADIOGRAPHIC STUDY OF THORAX AND ABDOMEN**

Thorax: R+LLR, DV  
Abdomen: RLR

**RADIOGRAPHIC FINDINGS**

The body condition score is 7/9. Bulges of fat opacity displace the lateral skin surfaces.

The bony structures appear physiological.

Thorax

The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are clearly visible to the tertiary branches. The bronchial tree is thin walled and tapers uniformly towards the periphery.

The cranial mediastinum is of physiological size and opacity. The trachea diverges from the thoracic vertebrae and the carina is located at T5. The air in the tracheal lumen varies in height and on the R lateral recumbent view the caudal cervical trachea is larger than the intrathoracic portion and the dorsal air shadow is decreased by a soft tissue opacity.

The cardiac silhouette occupies 75% of the chest height and 2.5 intercostal spaces (VHS 10.5). No obvious chamber or outflow tract enlargement is evident.

Abdomen

The abdominal detail is good; the abdominal wall is slightly pendulous.

The extends just beyond the costal arch and is blunted.

The spleen appears physiological.

The stomach contains a moderate amount of food and is slightly caudally rotated. The small intestinal loops occupy the central abdomen and appear of homogeneous and physiological size. Colon and rectum contain a moderate amount of unformed fecal matter.

Both renal shadows are obscured by intestinal loops. The bladder is located in the abdominal cavity and partially superimposed by intestinal loops. The prostate is located just cranial to the pubic brim.



**PATIENT** The region of the sublumbar lymph nodes appears physiological.

Brutus Gayle

**RADIOGRAPHIC DIAGNOSIS**

**SPECIES**

- Tracheal collapse
- Hepatomegaly, mild
- S.c. lipomata

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Tracheal collapse alone can be due to a weakened dorsal tracheal ligament. Tracheal in combination with bronchial collapse is usually caused by chondromalacia and is thus due to an altered cartilage development which may go unnoticed until physical circumstances (such as stress, running, excitement) or disease (e.g. pneumonia, bronchitis, L cardiac enlargement) reduces the ease of airflow. Echocardiography to assess mitral valve and L atrial size and bronchoscopy to obtain a BAL is recommended. Should an underlying disease be present treatment may improve the clinical signs.

Beagle Mix

**SEX**

Cushing's disease should be ruled out.

MN

**AGE**

12 Years

**INTERPRETED BY**

Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDDI DVR

**HOSPITAL NAME**

Paws and Claws  
Urgent Care



**REFERRING VET**

Dr. Juarez

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.

**INVOICE**

47511

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.

**DATE**

9-23-21

Heike Rudolf, DVM, Dr. med. vet., DipECVDDI, DVR  
Dr.H.Rudolf@gmail.com