



**PATIENT PRESENTING CLINICAL SIGNS**

Ace Hogan Presented for urinary incontinence. Was neutered about 1 month ago. Doing well otherwise. Abnormal PE/Chem/CBC/UA Results: Normal

**SPECIES COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

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

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Australian Shepherd Thorax

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

**SEX**  
MN The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

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

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.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

**HOSPITAL NAME**

Northeast Veterinary  
Referral Hospital

Abdomen

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

**REFERRING VET**

Dr. Runde

Both kidneys present marked dilation of the renal pelvis, measuring up to 3.9 cm in height, compressing the renal parenchyma. The ureters bilaterally present a tortuous course caudally and are significantly dilated measuring up to 11 mm in diameter. The ureters enter the urinary bladder wall approximately 13 mm cranial to the urinary bladder neck and can be follow caudally as intramural tubular structures approximately up to the level of the prostate.

**INVOICE**

47145

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

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**DATE**

8-26-21

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents



**PATIENT** uniform contrast enhancement.

Ace Hogan The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

**SPECIES** The bony and surrounding soft tissue structures reveal no abnormalities.

Canine

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**BREED**

- Bilateral ureteral ectopia with intramural course
- Evidence of increased ureteral outflow resistance with bilateral hydroureter and significant bilateral pyelectasia
- Structural normal thorax

Australian Shepherd

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

The findings are compatible with bilaterally ureteral ectopia and secondary increased outflow resistance explaining the dilation of the ureters and pyelectasia. Neoureterocystostomy is recommended.

MN

**AGE**

1

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Northeast Veterinary  
Referral Hospital

**REFERRING VET**

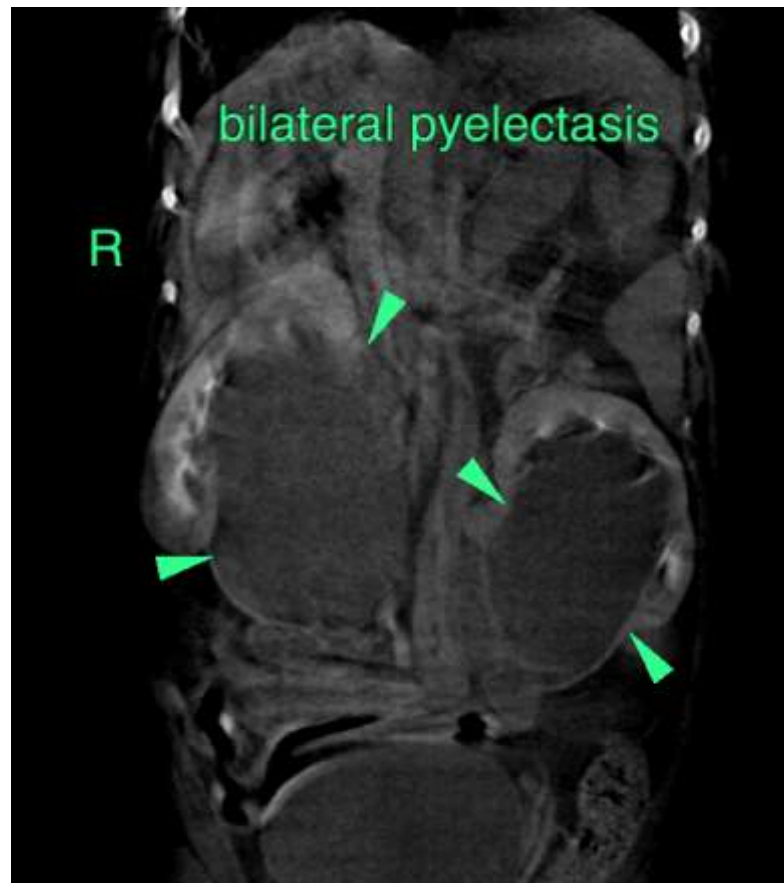
Dr. Runde

**INVOICE**

47145

**DATE**

8-26-21





**PATIENT**

Ace Hogan

**SPECIES**

Canine

**BREED**

Australian Shepherd

**SEX**

MN

**AGE**

1

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Northeast Veterinary  
Referral Hospital

**REFERRING VET**

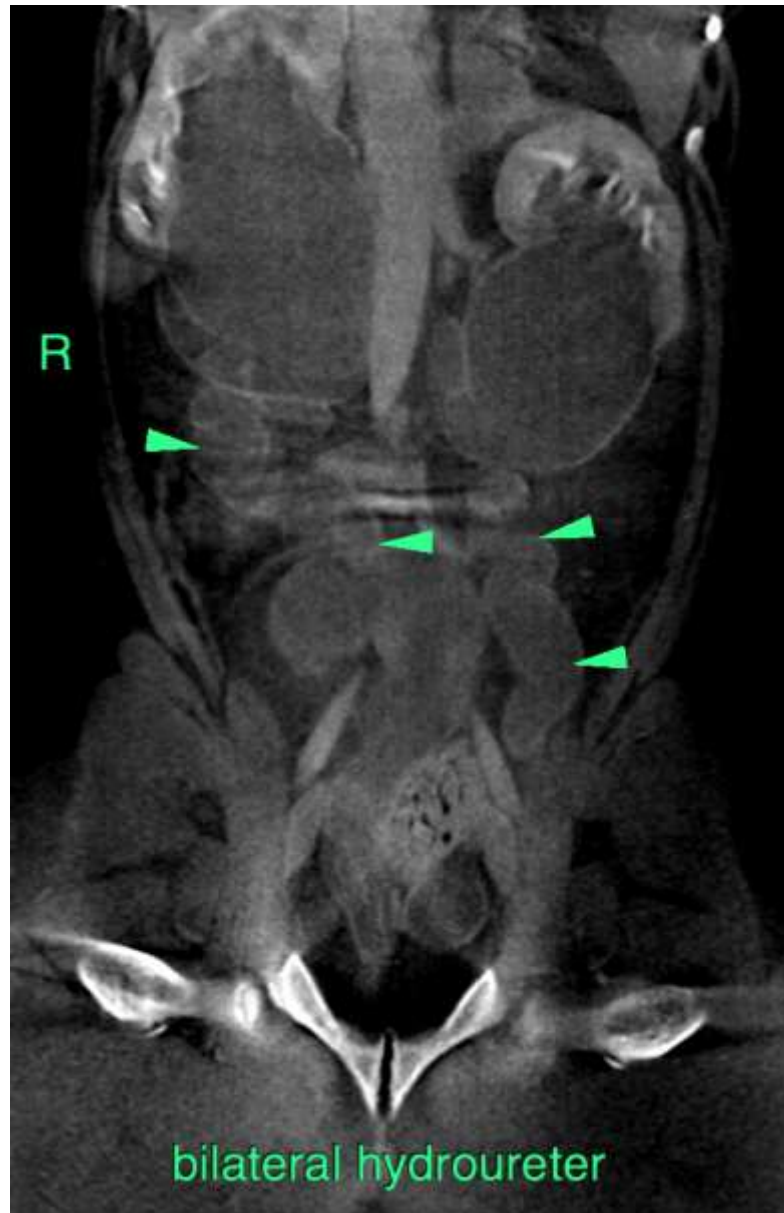
Dr. Runde

**INVOICE**

47145

**DATE**

8-26-21





**PATIENT**

Ace Hogan

**SPECIES**

Canine

**BREED**

Australian Shepherd

**SEX**

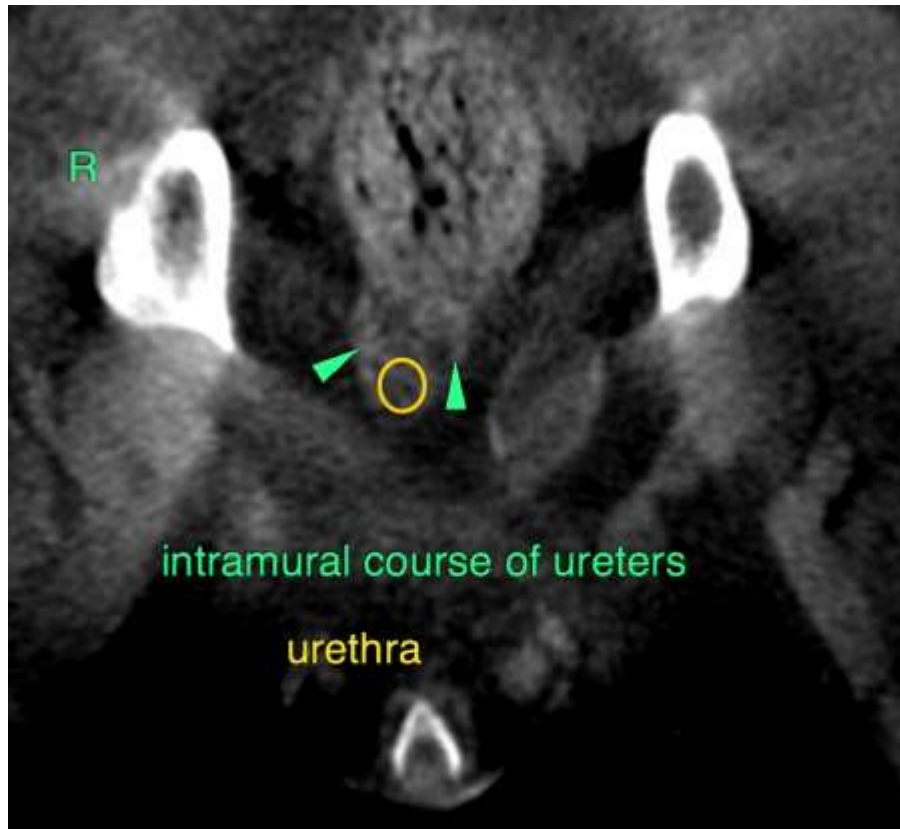
MN

**AGE**

1

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI



**HOSPITAL NAME**

Northeast Veterinary  
Referral Hospital

**REFERRING VET**

Dr. Runde

**INVOICE**

47145

**DATE**

8-26-21

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.

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  
sebast.schaub@gmail.com