



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Goldie Hunter **PRESENTING CLINICAL SIGNS** History: Reason for Visit: decreased appetite History: 16y old MN DMH presents for decreased appetite for ~1 week. No pu/pd. O reports he used to be a 20lb cat. Indoor only, has access to outdoor patio but doesn't wander.

**SPECIES**

**SPECIES** Feline Abnormal PE/Chem/CBC/UA Results: Hydration: 5% dehydration Mentation: QAR EENT: Iris atrophy OU. AU clear, no debris. No cough on tracheal palpation. Oral cavity: Heavy dental calculus especially 108/109 and 208/209 Lymph Nodes: Submandibular, prescapular and popliteal lymph nodes normal size, shape and consistency Skin: Scurfy haircoat, no lesions seen CV/Respiratory: Normal heart rate and rhythm, grade 2/6 systolic murmur, pulses fair and synchronous, normal bronchovesicular sounds. Abd/GI: Left abdomen: firm, non-painful structure palpated left dorsal abdomen--cannot tell if spleen or kidney. Remainder of abdomen soft, non-painful, no fluid wave. Uro/Perineum: No lesions or abnormalities. Musculoskeletal: BCS = 4/9. Moderate generalized muscle wasting. Thickened stifles and elbows bilaterally. Neurological: Alert and appropriate. No deficits noted.

**BREED**

**BREED** DMH

**SEX**

**SEX** Neutered Male

**RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

**AGE**

**AGE** 16 Years

An overview study including the thorax and abdomen in two imaging planes is provided for review.

**RADIOGRAPHIC FINDINGS**

**INTERPRETED BY**

**Thorax**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

Both elbow joints present with periarticular shell-like mineralization.

The extrathoracic soft tissues present homogeneous without abnormalities.

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The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

**REFERRING VET**

**REFERRING VET** Dr. Ward

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected. The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

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The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

**Abdomen**

**DATE**

**DATE** 7/21/22



**PATIENT**

Goldie Hunter The intervertebral disc space L7/S1 is moderately narrowed and the respective vertebral endplates present moderate spondylosis formation.

**SPECIES**

Feline No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

Feline

The liver is appropriate in position, size and presents uniform opacity.

**BREED**

DMH

The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.

**SEX**

Neutered Male

In the imaging plane of the renal pelvis bilaterally, mineral opaque material is appreciated, L > R. Both kidneys present an irregular shaped with the left kidney appearing prominent. The retroperitoneal fat level with the kidneys presents moderate soft tissue striation. The urinary bladder is empty and in its anticipated position. No radiopaque calculi are noted throughout the lower urinary tract.

The stomach is in its anticipated position and presents normal content.

**AGE**

16 Years

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

The colon is seen in the expected position and presents with appropriate content.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
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**RADIOGRAPHIC DIAGNOSIS**

- Irregular shaped kidneys with mild left renal enlargement
- Retroperitoneal effusion level with the kidneys
- Nephrolithiasis, L > R
- Chronic discopathy L7/S1
- Suspect synovial osteochondromatosis elbow joints bilaterally
- Structural normal thorax

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**REFERRING VET**

Dr. Ward

The renal changes are most suggestive for chronic nephritis with potential acute component – potential source for the suspect perirenal effusion. Other causes for the irregular renal shape include renal cysts or parenchymal nodular lesions (e.g. lymphosarcoma) – considered less likely due to lack of overt renal enlargement. An abdominal ultrasound examination can be used for further workup.

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**PATIENT**

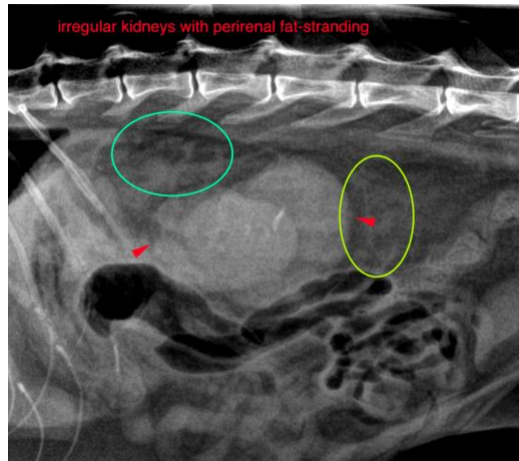
Goldie Hunter

**SPECIES**

Feline

**BREED**

DMH



**SEX**

Neutered Male

**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.**

**AGE**

16 Years

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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Dr. Ward

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