



PATIENT

Athena Marqua

SPECIES

Canine

BREED

Mastiff

SEX

SF

AGE

9Y

WEIGHT

136lbs

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Jen Amidon

HOSPITAL NAME

The Pet Hospital of
Stratford

REFERRING VET

Dr Giuliani

INVOICE

74367

DATE

3-26-26

PRESENTING CLINICAL SIGNS

- Pt exhibiting UTI symptoms, has a hx of bladder stones.

RADIOGRAPHIC STUDY OF THE ABDOMEN

Five abdominal radiographic images were provided for review, including orthogonal lateral and ventrodorsal projections.

RADIOGRAPHIC FINDINGS

ABDOMEN

Multiple variably sized and variably shaped mineral opaque calculi are present within the urinary bladder. These include rounded, triangular, and amorphous calculi. The largest calculi measure approximately 2.8 × 2.8 cm and 1.9 × 1.6 cm, with multiple additional smaller calculi measuring approximately 0.3–0.7 cm.

The renal silhouettes are within normal radiographic limits for size, shape, and opacity.

The liver and spleen are within expected radiographic size, shape, and opacity limits.

The stomach contains a small amount of gas and heterogeneous ingesta/mineral opaque material and is in normal position.

The small intestinal loops are normally distributed and are not abnormally distended. Mild intraluminal fluid and gas are present.

The colon contains a moderate amount of heterogeneous fecal material with a small amount of associated gas and a few scattered mineral opaque fragments.

Abdominal serosal detail is preserved. No evidence of abdominal mass effect.

Multifocal complete and incomplete bridging spondylosis deformans is present throughout the thoracolumbar, lumbar and lumbosacral spine. Mild to moderate multifocal degenerative change is also present involving the articular facet joints.

RADIOGRAPHIC DIAGNOSIS

- Urinary bladder urolithiasis, with multiple mineral opaque calculi of variable size and shape.
- Few scattered mineral opaque fragments within the gastrointestinal tract/colon, likely ingested mineral material or incidental enteric mineral content.
- Multifocal thoracolumbar spondylosis deformans.
- Mild to moderate multifocal chronic degenerative change of the articular facet joints.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Radiographic findings confirm multiple urinary bladder calculi (cystolithiasis), which likely explain the patient's urinary tract signs.

Correlation with urinalysis, urine culture, and urolith analysis is recommended. Abdominal ultrasound may be considered if further assessment of the urinary bladder wall.



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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.

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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