



PATIENT PRESENTING CLINICAL SIGNS

Jupiter Navales History: Anal sac adenocarcinoma removed 1 month ago.

SPECIES Physical Examination: Normal.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Mildly elevated urea, normal calcium.

Miniature Pinscher Radiographic Findings: Normal thoracic radiographs.

SEX

MN

AGE

10 years

WEIGHT

6.2 kg

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

IMAGING PERFORMED BY

Dr Alastair Westcott,
DVM

HOSPITAL NAME

REFERRING VET

Dr Alastair Westcott,
DVM

INVOICE

302909

DATE

4/14/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodules. Ureters not visualized.

Normal renal size (left 4 cm, right 4.3 cm), echogenic appearance, cortico-medullary differentiation, capsule, blood flow, and pelvis.

Reproductive System

Small hypoechogenic prostate (1.2 cm).

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.66 x 0.61/0.66 cm, right 1.81 x 0.48/0.64 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. Two hypoechogenic parenchymal nodules (0.8 cm) in the caudal left lobe. No masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.47 cm, colon 0.16 cm) and peristaltic activity, and no distension of the lumen.



PATIENT *Pancreas*

Jupiter Navales Normal size (right 0.6 cm, left 0.5 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.

BREED No ascites.
Enlarged (0.7 cm) and irregular sub lumbar lymph node with a hypoechogenic appearance and pinpoint areas of mineralization.

Miniature Pinscher

SEX **ULTRASONOGRAPHIC FINDINGS**

MN Primary Findings:

- AGE**
- Sub-lumbar lymphadenomegaly.
 - Hepatic nodules.

10 years

Secondary Findings:

WEIGHT

6.2 kg

- None.

INTERPRETED BY **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

The most likely etiology for the lymph node would be metastatic disease with reactive hyperplasia and lymphadenitis differential diagnoses.

Etiologies for the hepatic nodules would be early nodular hyperplasia, reactive nodules, and metastatic neoplasia.

Further assessment would be FNA cytology of the lymph node and hepatic nodules.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Jupiter Navales **Liver**

SPECIES

Canine

BREED

Miniature Pinscher

SEX

MN

AGE

10 years

WEIGHT

6.2 kg

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PATIENT Sub lumbar lymph node

Jupiter Navales

SPECIES

Canine

BREED

Miniature Pinscher

SEX

MN

AGE

10 years

WEIGHT

6.2 kg



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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.

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Dr Alastair Westcott, DVM

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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