



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Kiana Holbrook
SPECIES Canine
BREED Golden Retriever
SEX Female Spayed
AGE 12 Years, 5 Months
INTERPRETED BY Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging

History 2/6/2023 - Not eating in last 2 night. O fed her, but don't think she ate any .Even don't interest in toast (which usually loved). Have been drinking, toileting OK. Very lethargy and not herself. No vomiting no diarrhoea. O also report not walking well on HL, hard to get up. Assessment: Blood - Marked leukopenia, neutropenia with elevated band neutrophil X-ray - spondylosis on lumbar spines, ?round radio-opaque structure in cranial abdomen Differential Diagnosis/Diagnosis: Abdo neoplasia, abdo abscess, spondylosis, gastritis, etc Discussion: Based on blood test and x-ray findings, intra-abdominal tumor +/- abscess formation most likely. If it is an abscess, maybe the reason causing low WBC in blood. 2 options given: Medical management with strong antibiotics and pain relief. Opt 2 Ex-lap to investigate the mass. O selected medical management + recheck next week. Treatment: Fentanyl intradermal infusion 75ug/hr on R front leg Meloxicam 0.2/kg SC Enrofloxacin 150mg SC Enrofloxacin 150mg PO sid for 10 days Doxycycline 100mg PO bid for 10 days Firocoxib 227mg PO sid for 5 days Mirtazepine 30mg PO sid as needed for apptitie stimulant. Recheck 13/6/2023 - has been lethargic but managing to eat on mirtazipine. no vomiting or diarrhoea. has just finished enro. still on Doxy. stopped previcox last week. EXAMINATION: BAR, mm pink, mild decrease scleral vessels? dental disease. heart ok. HR ~130. abdo feels full but is comfortable. bit stiff in gait today with arthritis. no bruising or petachiae noted. CBC: moderate non-regenerative anemia (HCT 30%, was 35% last week). still marked neutropenia, smear matches.... low platelets on machine and also subjectively on smear... DDx/PL: bone marrow issue. multiple cell lines depressed. neoplasia. Discussion: not responding. should be improving cell counts buy now... Worried re underlying cause, cancer etc. discussed age, costs, worried re poor px. CT Thorax and Abdomen

COMPUTED TOMOGRAPHY OF THE THORAX & ABDOMEN

Pre/post contrast studies provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Chest:

The lungs are regularly ventilated with close contact to the inner thoracic wall on all sides. There is no evidence of pleural thickening, fluid accumulation or free pleural gas. Pulmonary density is within normal age-appropriate limits, there is no evidence of focal or nodular pulmonary lesions.

REFERRING VET

Dr J Katakasi

The mediastinum is regular in width and density. Mediastinal (sternal, tracheal-, bronchial) lymph nodes are mildly enlarged with a regular periphery and shape.

The thoracic trachea and esophagus appear normal.

INVOICE

58784

The heart is inconspicuous as far as can be assessed with CT.

The diaphragm appears normal.

DATE

6-12-23

Abdomen:



PATIENT The liver shows normal findings in terms of size, surface, shape and contrast behavior. The gallbladder is inconspicuous without evidence of cholestasis. The common bile duct is considered to be normal.

Kiana Holbrook

The pancreas presents normal size and shape with a smooth surface. The peripancreatic fat tissue and omentum are inconspicuous.

SPECIES

Canine The spleen shows normal findings in terms of size, surface, shape and contrast behavior. A spleen-like nodule of 9.8 mm is recognized in the central abdomen.

BREED

Golden Retriever

Both kidneys show at least a delayed medullary contrast uptake. The presented contrast phase does not show any contrast excretion of the renal pelvises or the ureters.

Adrenal glands are in normal limits.

SEX

Female Spayed

As far as can be assessed, the stomach and all parts of intestine are regularly presented without any indication of a wall thickening or a mass. There are no signs of an obstructive or functional ileus.

AGE

12 Years, 5 Months

Ureters, urinary bladder, trigonum and urethra are presented as expected. There is no evidence of cystic calculi.

All abdominal lymph nodes are mildly to moderately enlarged (portal, mesenteric and paraaortal).

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

Signs of peritoneal/retroperitoneal effusion or free gas are not recognized.

Spine:

There are multiple, severe degenerative changes of the spine noted. Beside severe ventral spondylosis formations especially in the course of the lumbar spine, multiple, compressive disc protrusions are detected (s. for example Th13/L1, L3/4 and L7/S1).

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

A single, hypodense medullary area is present within the vertebral body L5.

REFERRING VET

Dr J Katakasi

The displayed parts of the pelvis and sacral bones are inconspicuous. Both femoral bones present a marked and mixed increase of the medullary bone density beside lysis-like spots. Lytic changes of the cortices are not recognized. Periosteal reactions are missing.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

58784

- Generalized lymph adenomegaly (mediastinal, abdominal)
- Marked, bilateral changes of the medullary femoral bone
- Questionable medullary lesion L5
- Severe degenerative changes of the spine with multiple compressive disc protrusions
- Suspected insufficient renal function
- Spleen-like nodule splenic periphery, suspected accessory spleen (incidental)

DATE

6-12-23



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Kiana Holbrook

The CT findings of the lymph nodes and the bony changes of both thighs are nonspecific but would match with the reported patient's history. However, common differentials include systemic neoplasia as seen with lymphoma or multiple myeloma- which are my concerns- but also with systemic infectious disease. Final assessment is difficult with CT. FNA/biopsy of the lymph nodes and the femoral bone marrow could be performed next.

SPECIES

Canine

The degenerative changes of the spine are likely chronic and must be correlated with the clinical presentation.

BREED

Golden Retriever

The missing renal contrast excretion can be misleading due to the reduced perfusion under anesthesia. If blood results do not show renal insufficiency this may be artificial.

SEX

Female Spayed

AGE

12 Years, 5 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

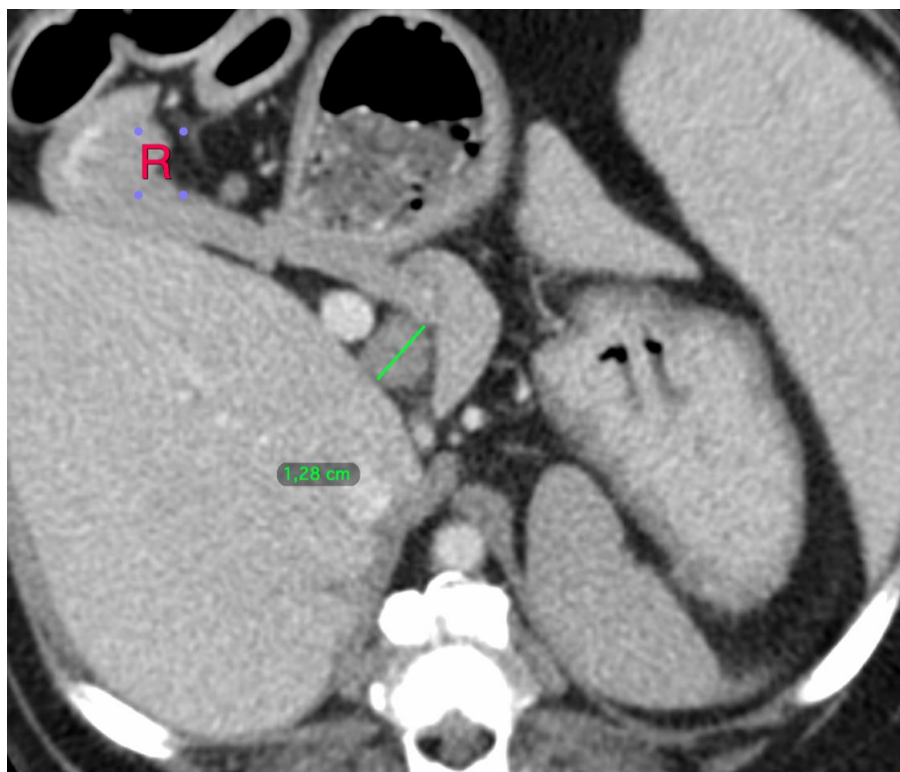
Dr J Katakasi

INVOICE

58784

DATE

6-12-23





PATIENT

Kiana Holbrook

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

AGE

12 Years, 5 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

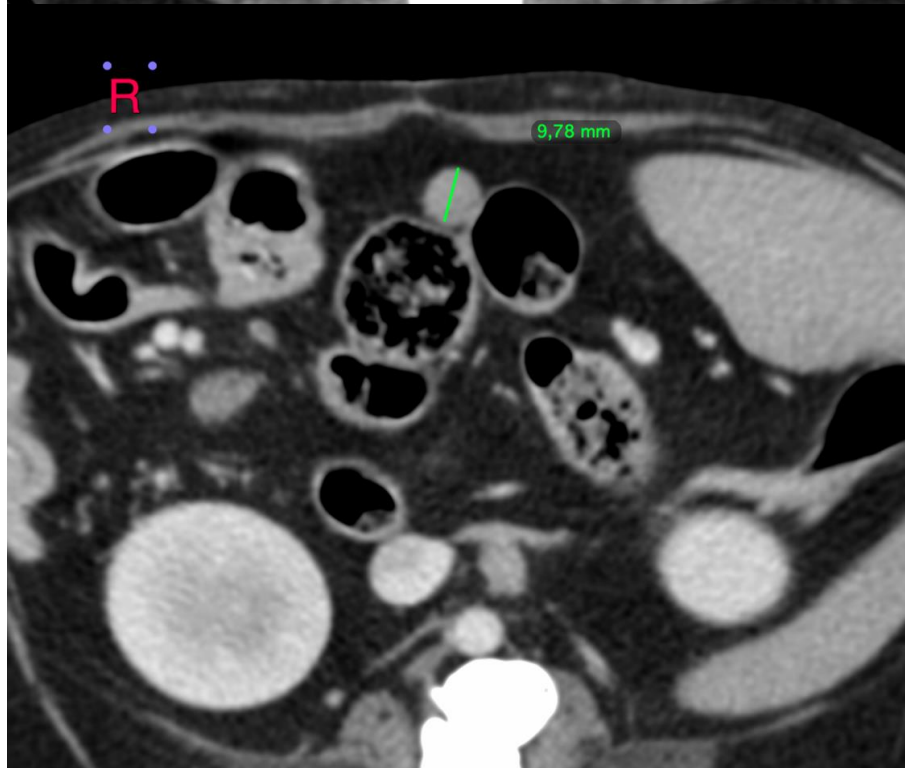
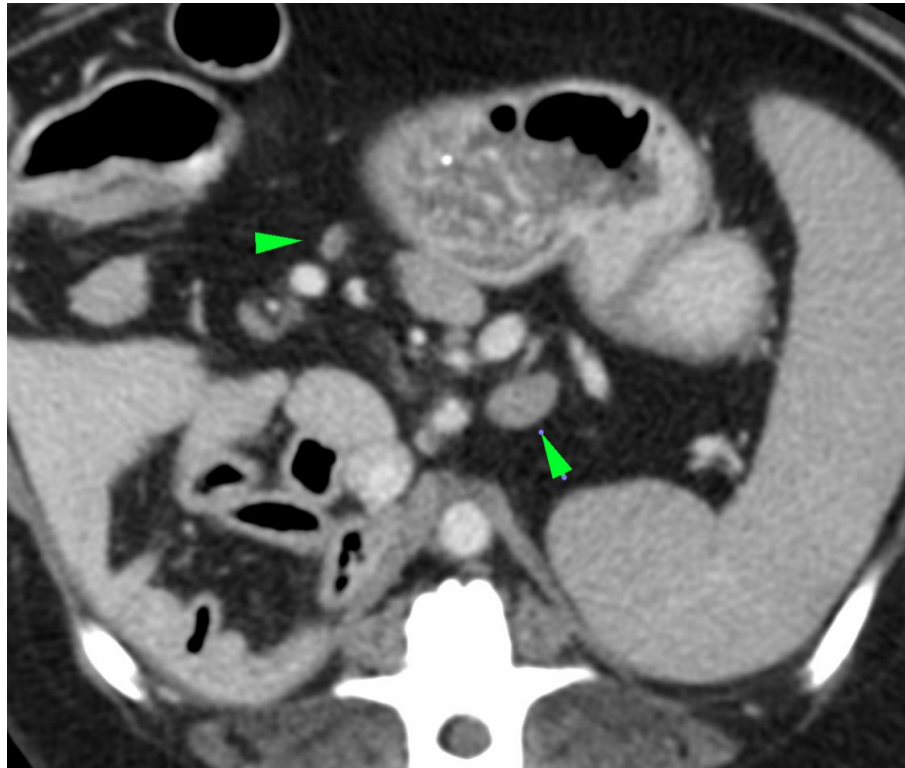
Dr J Katakasi

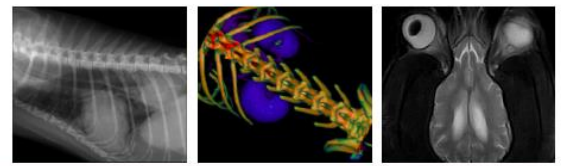
INVOICE

58784

DATE

6-12-23





PATIENT

Kiana Holbrook

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

AGE

12 Years, 5 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

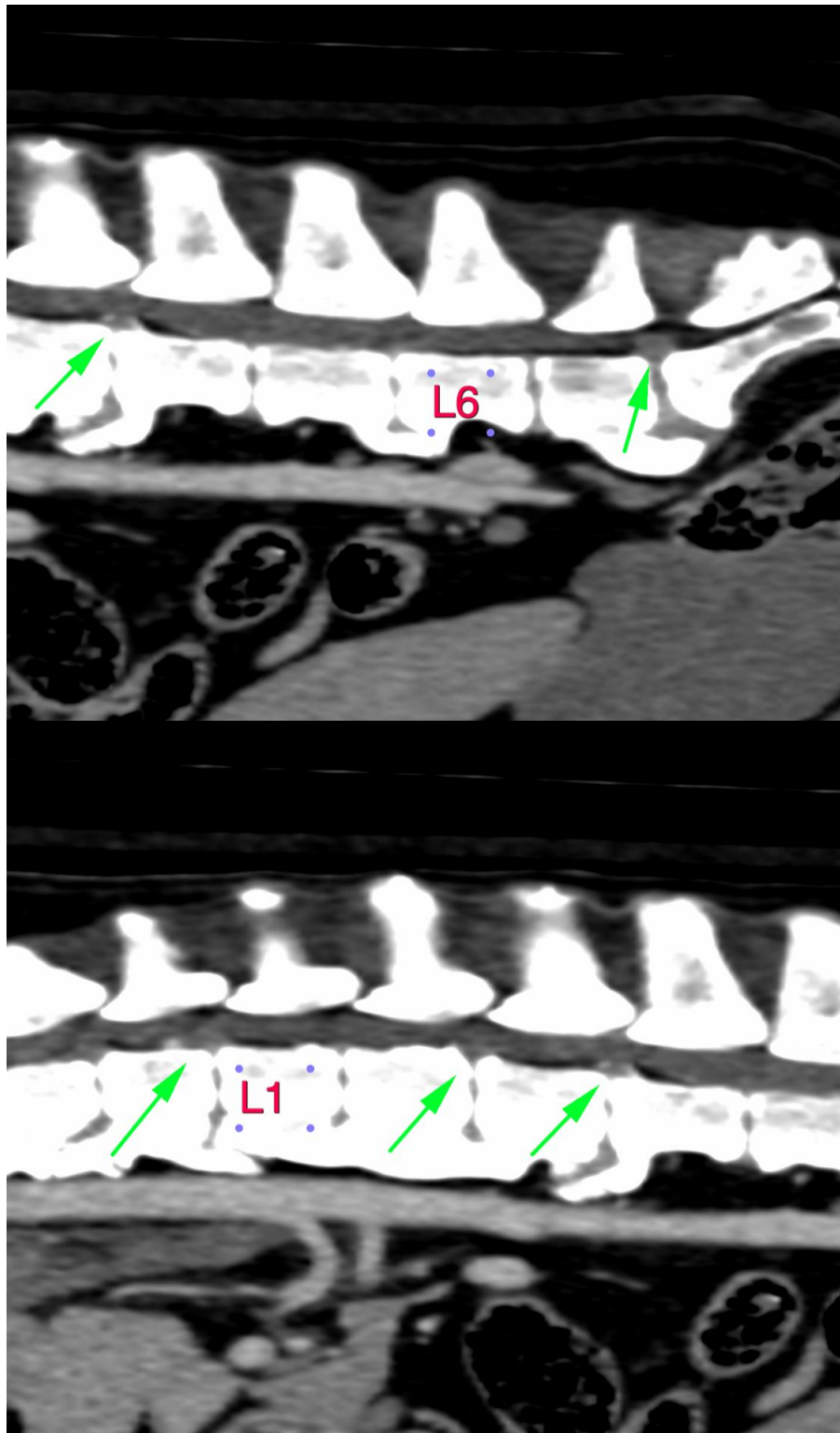
Dr J Katakasi

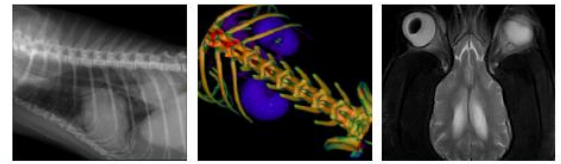
INVOICE

58784

DATE

6-12-23





PATIENT

Kiana Holbrook

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

AGE

12 Years, 5 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

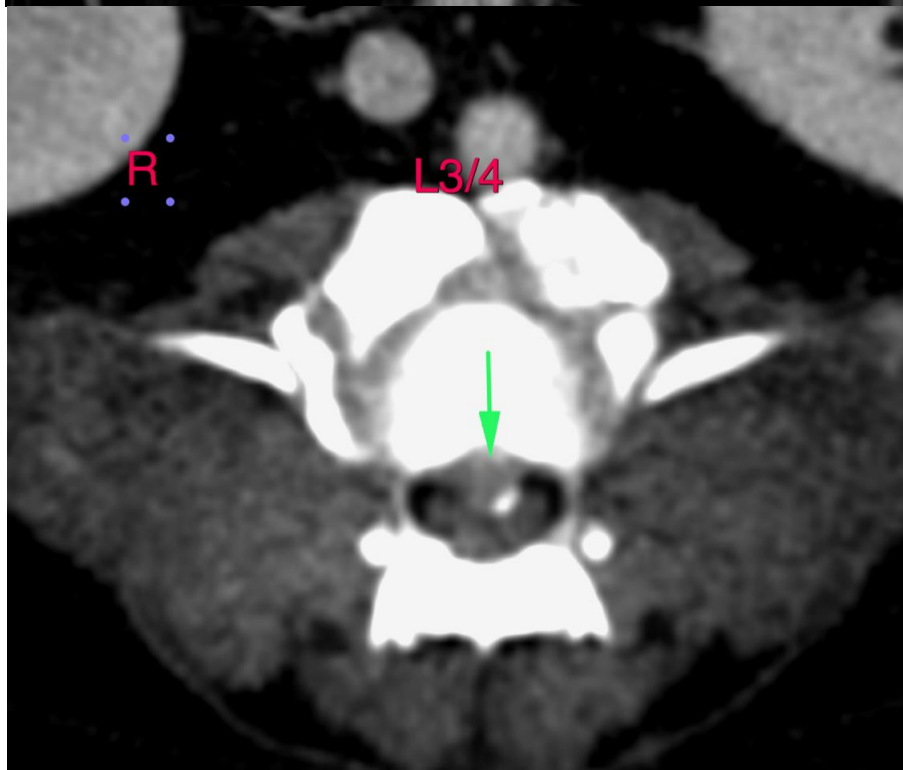
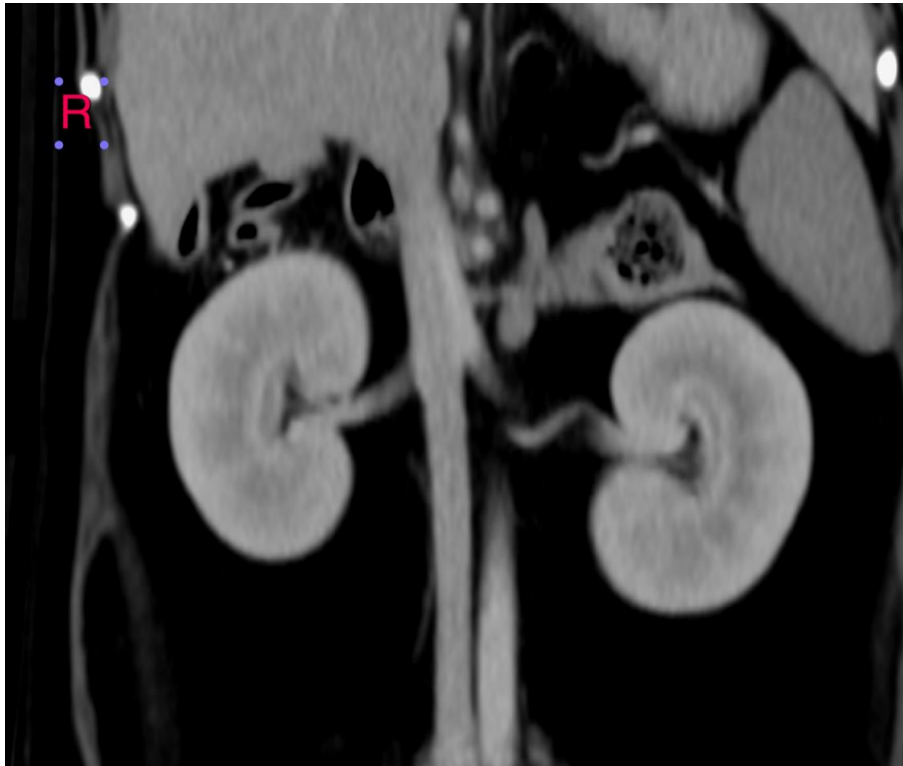
Dr J Katakasi

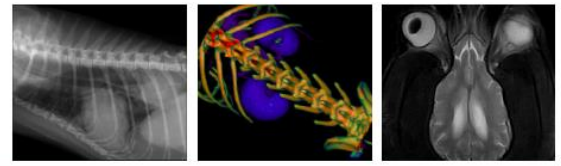
INVOICE

58784

DATE

6-12-23





PATIENT

Kiana Holbrook

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

AGE

12 Years, 5 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

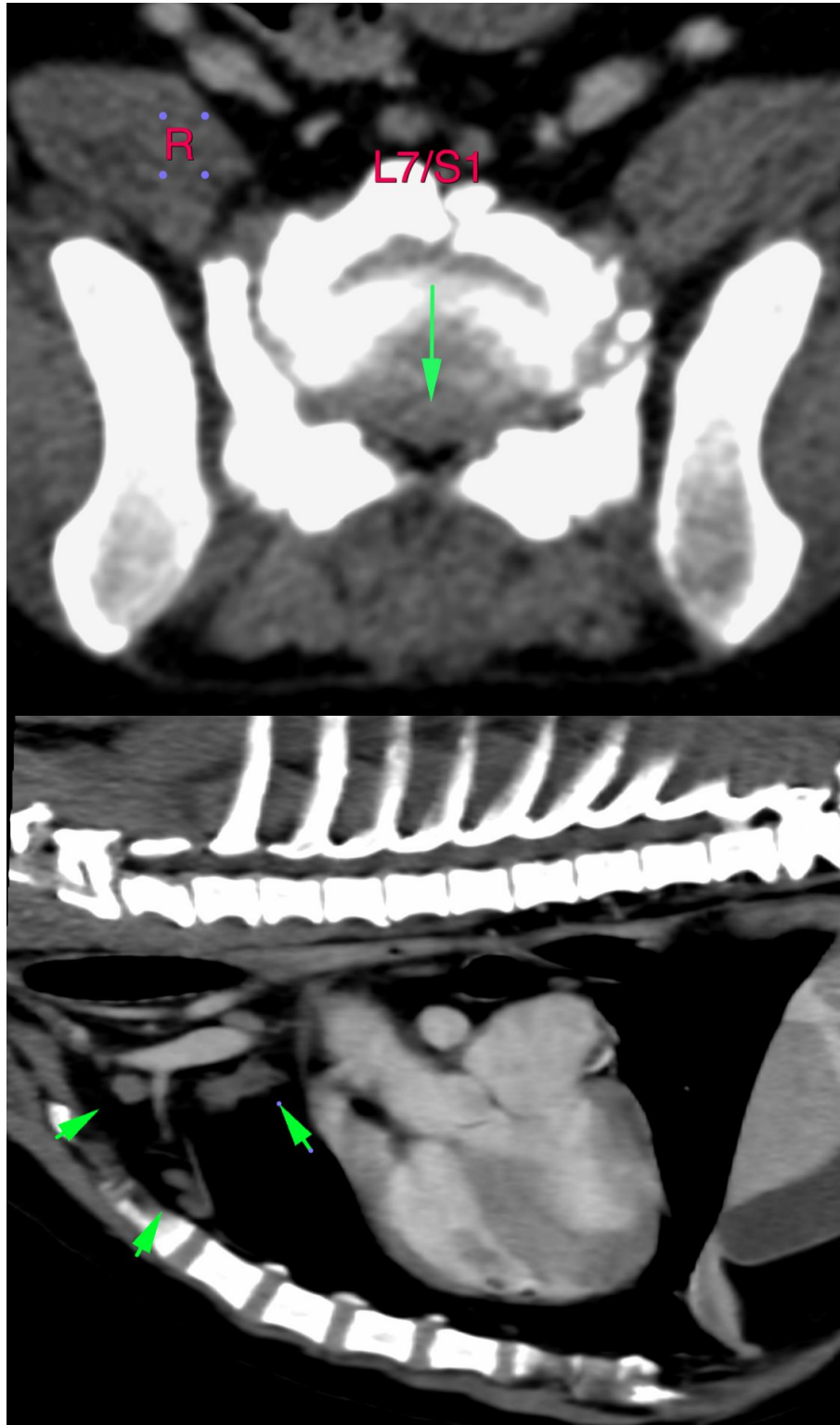
Dr J Katakasi

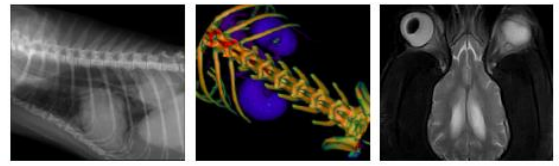
INVOICE

58784

DATE

6-12-23





PATIENT

Kiana Holbrook

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

AGE

12 Years, 5 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

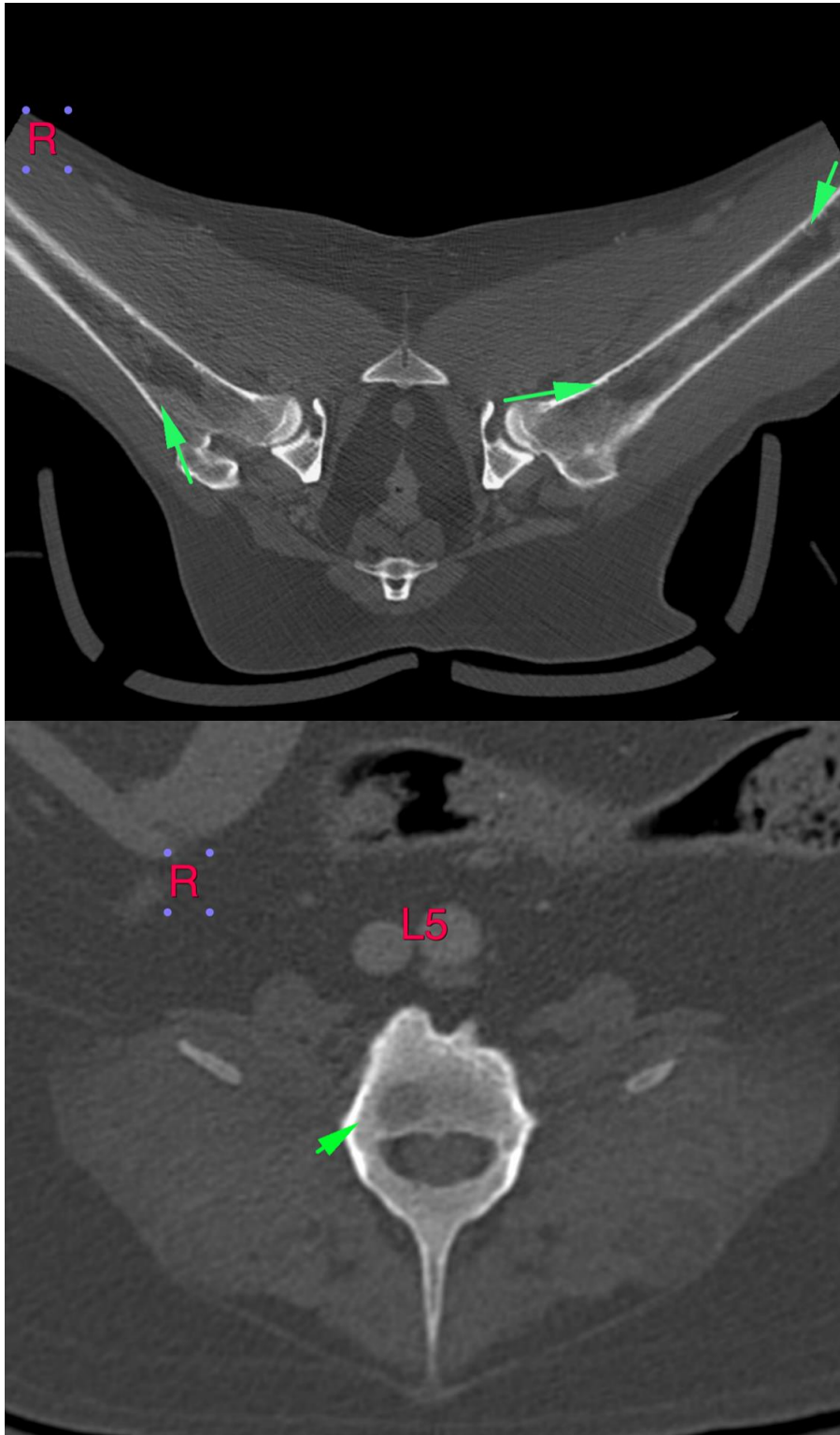
Dr J Katakasi

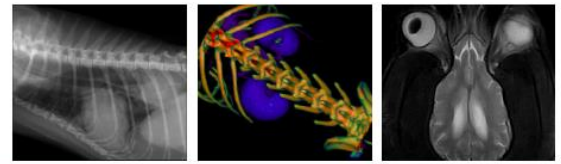
INVOICE

58784

DATE

6-12-23





PATIENT

Kiana Holbrook

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.

SPECIES

Canine

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.

BREED

Golden Retriever

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
info@sonopath.com

SEX

Female Spayed

AGE

12 Years, 5 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

Dr J Katakasi

INVOICE

58784

DATE

6-12-23