



PATIENT PRESENTING CLINICAL SIGNS

Luxury AKA Mako History: Right Sacroiliac Luxation Left inguinal hernia with fat herniation - repaired surgically on 3/3 Bilateral fractures of the ischium Right nondisplaced fracture of the left tibia Avulsion fracture of the right ischiatic tuberosity Sacral fracture Possible fracture of the left acetabulum Questionable anal tone and narrowness of the pelvic inlet

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN/PELVIS

BREED

Pitbull Terrier

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

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Thorax

Female

The bony and surrounding soft tissue structures are within normal limits, the growth plates are age related open.

AGE

16 Weeks

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

The lung parenchyma presents the expected architecture and attenuation behavior.

INTERPRETED BY

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Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

HOSPITAL NAME

Critical Vet
Care/Suncoast
Veterinary

Abdomen

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

Both kidneys present within normal limits for size, shape and organ architecture.

REFERRING VET

Dr. Young

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

INVOICE

14273

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

DATE

4/14/22



PATIENT Luxury AKA Mako
SPECIES Canine
BREED Pitbull Terrier
SEX Female
AGE 16 Weeks

Chronic ventral subluxation of the right iliac wing is appreciated with an osseous fragment at the proximal margin of the right iliac wing presenting smooth solid new bone formation. Complex comminuted fracture of the pelvic floor is seen, the fracture margins are rounded. Chronic fracture of the left ischial bone is noted with smooth solid callus formation. Bilateral medial deviation of the hemipelves is seen causing significant narrowing of the pelvic canal and abnormal medial position of the acetabula.

The caudoventral abdominal wall is thickened with interspersed small mineral attenuating structures. The inguinal lymph nodes bilaterally are prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right sided chronic ventral luxation sacroiliac joint with an osseous fragment of the right ilium and moderate callus formation
- Chronic complex fractures of the pelvic floor including the left ischial bone
- Secondary medial deviation of the hemipelves bilaterally, R > L, and stenosis of the pelvic canal
- History of surgical repair of traumatic inguinal hernia
- Reactive hyperplasia of the inguinal lymph nodes
- Normal thorax

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is compatible with the history of multiple pelvic fractures and chronic luxation of the sacroiliac joint – the acetabula appear to be intact but the age-related open growth plates. The medial deviation of the hemipelves with stenosis of the pelvic canal is likely predisposing for constipation. Recommend discussing chances of correction osteotomy – to widen the pelvic canal – with orthopedic surgeon.

The abnormal position of the acetabula might predispose for development of degenerative joint disease.

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Pitbull Terrier

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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.

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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