

PATIENT

Nyx Clearwater Nature
Center

SPECIES

Reptile

BREED

Corn Snake

SEX

Intact Female

AGE

03/02/08

WEIGHT

1060 grams

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Stephanie Warga
RDCS, RVT

HOSPITAL NAME

Chadwell Animal
Hospital

REFERRING VET

Dr. Gold

INVOICE

14200

DATE

03/10/26

PRESENTING CLINICAL SIGNS

Patient History: Ovulation lump abnormal

Current Medications: None.

Labwork Results: Labwork attached, reported as: Ca 22, WBC 9,000. ST swelling at distal 2/3 snake.

Sedation: Not required to complete full diagnostic ultrasound.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The cloaca is normally distended, and the wall appears thin and smooth. The urine is anechoic, with a physiological amount of urate present.

The left kidney measures approximately 0.56 cm in diameter, appears hypoechoic, and is subjectively within normal limits.

The right kidney could not be reliably visualized in the provided video clips.

Reproductive System

Caudal to the gallbladder, within the ovary, several follicles are identified, measuring approximately 0.68×0.66 cm and 0.82×0.98 cm, compatible with normal vitellogenic follicles. Additional follicles appear smaller and somewhat irregular, suggestive of follicular degeneration or atresia, although no clear ultrasonographic evidence of follicular stasis is identified.

More caudally, near the presumed region of the oviduct, a large amount of fluid is observed within the mesenteric and gonadal recesses. Because the images were not labeled to indicate the exact scanning location along the body axis, it is difficult to determine the precise anatomical level of the structures visualized. Within these regions, additional follicles with a more degenerate appearance are suspected.

Fat Bodies

Fat bodies are small. They appear homogeneous and with normal echogenicity, findings that may be compatible with reduced nutritional reserves.

Spleen

The splenopancreas complex could not be reliably visualized, likely due to its small size and regional artifact interference.

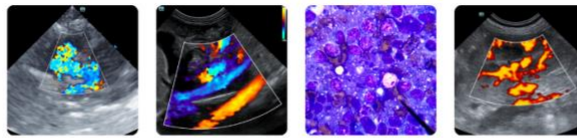
Liver

The liver could not be reliably identified in the provided video clips.

The gallbladder is moderately distended with a thin wall. Its contents are primarily anechoic, with a small amount of dependent sediment (sludge).

Gastrointestinal

The stomach appears to contain some ingesta producing distal acoustic shadowing. The gastric wall measures approximately 0.41 cm.



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The small intestine wall could not be reliably measured, which is consistent with common limitations reported in the literature for ultrasonographic evaluation of snakes. Luminal content appears unremarkable, and no intestinal segment appears pathologically dilated.

The large intestine wall measures approximately 0.41 mm and contains ingesta.

Coelomic Cavity

In the initial video clips, presumed to correspond to the cranial region of the snake (cranial to the pylorus and gallbladder), a poorly defined heterogeneous structure suggestive of a mass or possible abscess is observed, without clear association with a specific organ.

Additionally, there is marked coelomic effusion distributed within multiple mesenteric recesses. The fluid appears predominantly anechoic, although more turbid areas containing suspended echogenic material and floating echoes are present, indicating heterogeneous coelomic fluid.

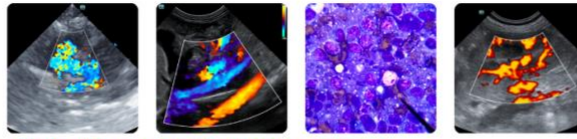
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are most consistent with reproductive tract pathology, particularly follicular degeneration or rupture with marked coelomic effusion and suspected secondary coelomitis. A heterogeneous structure identified within the coelomic fluid may represent organized inflammatory material or organized exudate. However, vascularity could not be assessed due to the lack of Doppler evaluation, and therefore the exact nature of this structure cannot be definitively characterized.

Recommendations

- Given the marked coelomic effusion, coelomic fluid sampling may be considered to further characterize the effusion (cytology and analysis).
- Exploratory coeliotomy may be warranted for definitive diagnosis and potential treatment if follicular rupture, reproductive tract disease, or coelomitis. Final clinical decisions should be made by the attending veterinarian experienced in reptile medicine.

Imaging performed by



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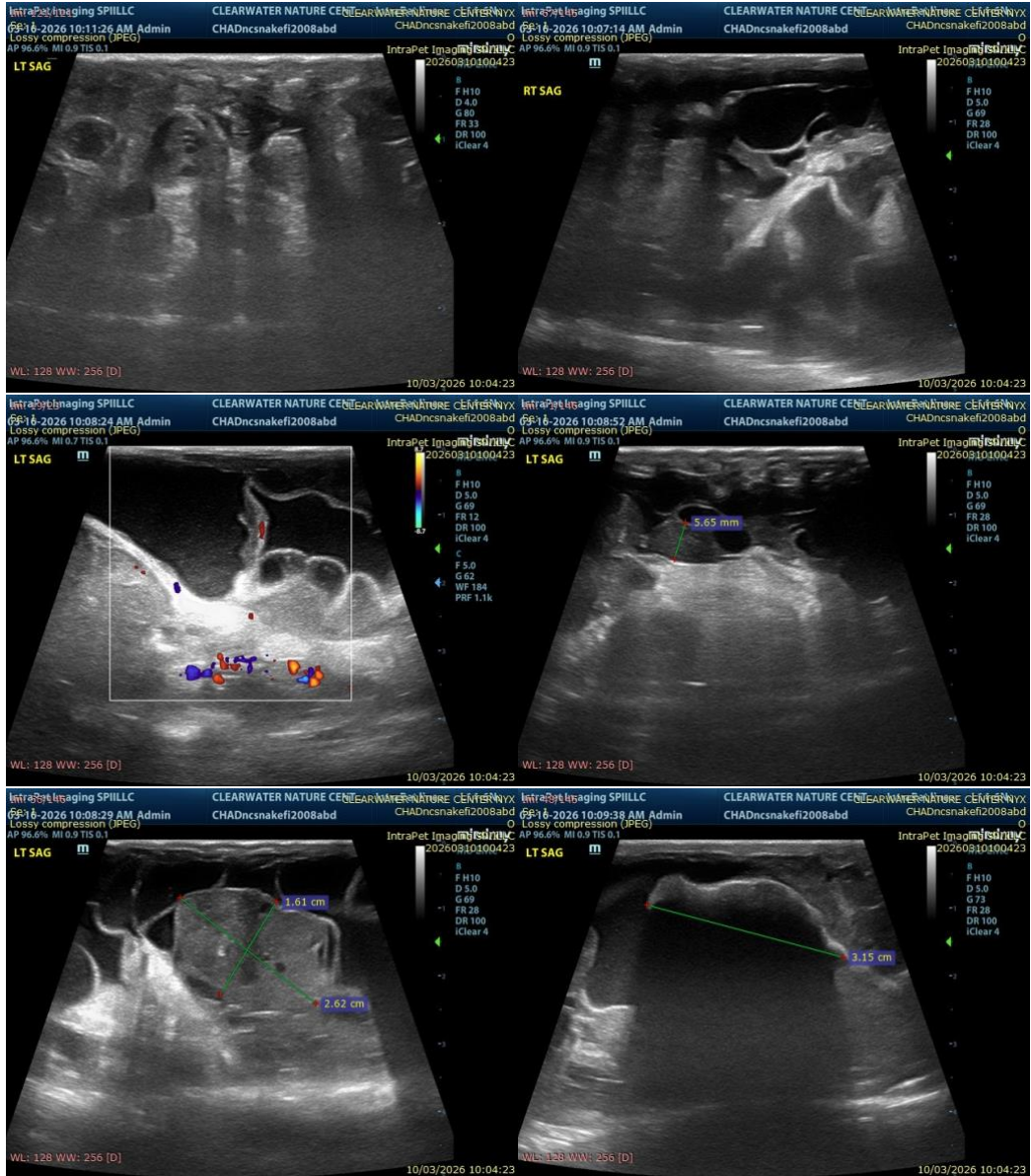
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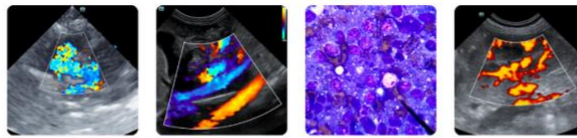
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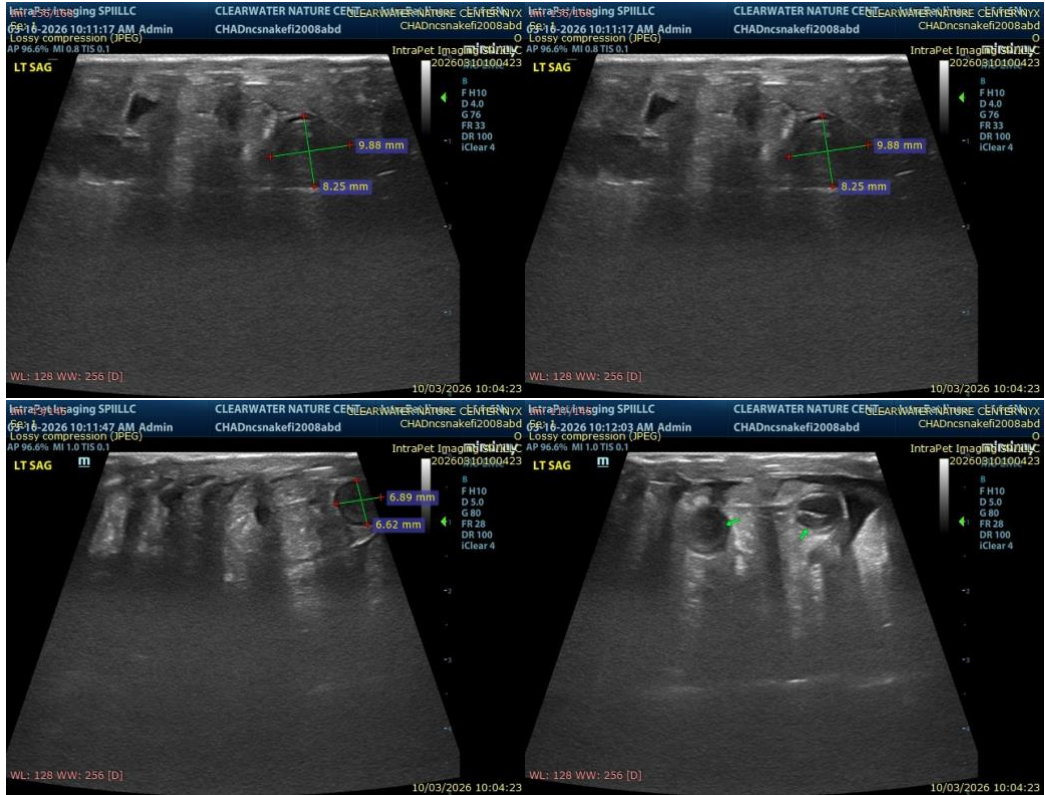
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Alicia Angosto Guerrero, DMV, PgDip, MSc.

info@SonoPath.com