KROMHOUT
MEDICAL IMAGING

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KROMHOUT MEDICAL IMAGING
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Diagnostic imaging report commissioned by:

MARLINSPIKE VETERINARY HOSPITAL
26 Labrador Road
Snowy Town
USA

YOUR LOGO HERE

phone
e-mail address
website

ID NUMBER

PATIENT

Name	
Species	Tortoise
Breed	Gopher tortoise
Color	
Sex	Female
Date of birth	
Age	60 years old
Weight:	
Chip	
DVM	
Referring DVM	

OWNER

Name	
Address	
Telephone number	
E-mail	

DETAILS

SHORT HISTORY

Presented for	Intractable haemorrhage emanating from a cavity between the scutum and the plastron ca. 3 cm sagittal to the spine on the right caudal aspect of the tortoise
Concern	Traumatic injury, neoplastic or infectious osteomyelitic cause of the cavitation and osteolysis
Evaluation for	
Remarks	Shell is still intact, but there is a copious amount of bleeding from underneath the shell just above the right hind leg
Medication	

DIAGNOSTIC IMAGING

Medical imaging	CT
Date	
Region	Caudal carapace
Number of series	1
Number of images	344
Contrast	No

Disclaimer

This report is based on the available history and radiographic interpretation only and not on a physical examination of the patient. It must therefore only be interpreted by the referring veterinarian responsible for the care of this patient.

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REFERRAL

REQUEST COMPLETE

Date	1 January 2022
Day	Saturday - weekend/holiday
Week	1
Priority	Regular
Report validation date	2 January 2022

PROVIDED INFORMATION

Images	1 January 2022	n.a.	Fidex
Short history	1 January 2022	8.13 AM	E-mail

Native CT images 0,46mm slices in standard reconstruction

There is an irregular osteolytic lesion (+/- 2.08 x 2.03cm) of the bones and overlying scutes, present at the caudal aspect of the carapace on the right (lateral part of pygal bone, caudal and lateral part of suprapygal bone, caudoventral aspect of costal bone, dorsal and cranial part of 1st peripheral bone and caudal part of the 2nd peripheral bone). Some gas attenuation is seen medial from this. No visible periosteal reaction. No visible mass lesion is present. Normal aspect of the plastron. Normal aspect of the coccygeal vertebrae. Normal aspect of the hindlegs. No visible lesions in the caudal organs.

Conclusion

1. Osteolytic lesion of the caudal right carapace with no underlying visible mass: osteomyelitis
2. Most likely diagnosis: bacteria (e.g. Pseudomonas, Citrobacter or Klebsiella), mycobacteria, fungi (Mucor, Aspergillosis, …) and algae -> can be related secondary to trauma
3. No other visible abnormalities

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Figure 1 - reconstructed CT images at the level of the caudal carapace in bone window

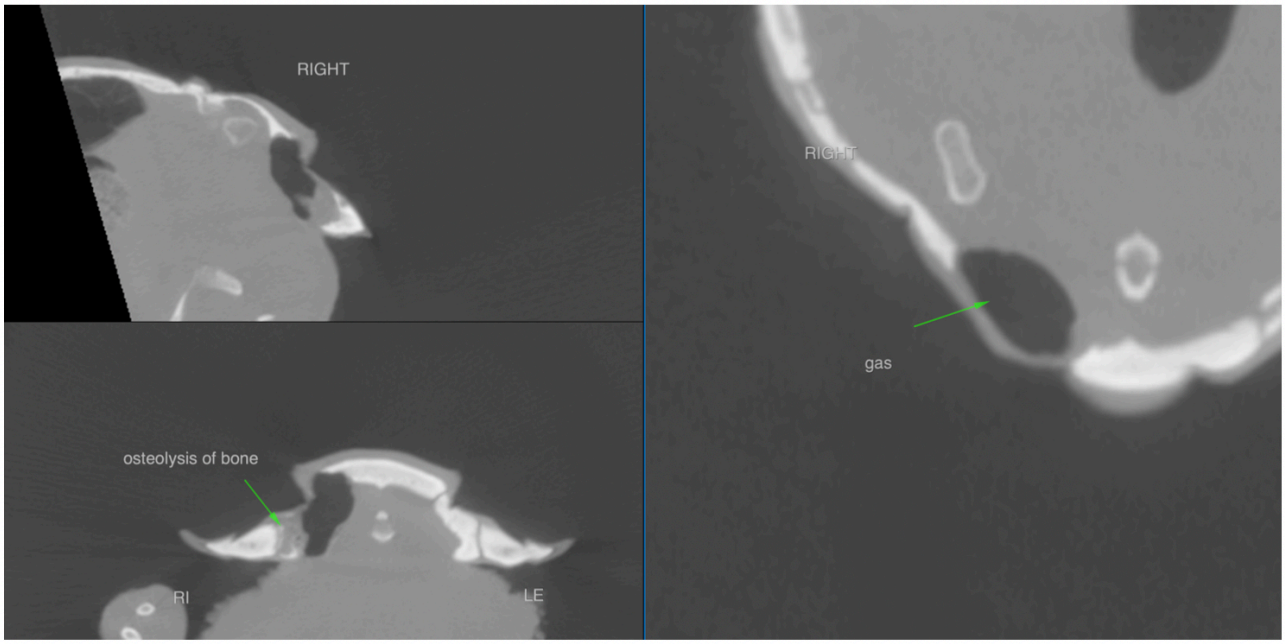


Figure 2 -3D volume rendering of the caudal carapace (caudal view)



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Figure 3 - 3D volume rendering of the caudal carapace (right lateral view)



Please, do not hesitate to contact me, should you have any further questions.

Sincerely,
Dr. KROMHOUT Kaatje DVM, PhD, Cert LAS

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