



PATIENT PRESENTING CLINICAL SIGNS

Earl Ryan History: Patient has unknown head trauma

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

SPECIES

A high resolution pre- and post-contrast CT study of the skull is provided for review.

Feline

COMPUTED TOMOGRAPHIC FINDINGS

BREED

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

DSH

The mandibular symphysis is widened and a step formation is seen between the right and left body of the mandible. A long oblique well-defined fracture line is running in a rostradorsal to caudoventral direction through the base of the ramus of the left mandible. Right sided deviation with malocclusion of the mandible is appreciated.

SEX

Neutered Male

The zygomatic process of the left temporal bone presents a sagittal serrated fracture line, extending into the mandibular fossa with mild step formation. The joint space of the left temporomandibular joint is widened. Both temporomandibular joints are in situ.

AGE

1 Year

The zygomatic process bilaterally presents irregular fissure lines.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

Multiple non to mildly displaced fractures lines are appreciated throughout the osseous lining of the nasal cavity, extending caudally into the pterygoid bone with fracture lines seen in the pterygoid hamulus. An irregular longitudinal fracture line is appreciated in the hard palate – covered by gingiva. The nasal cavity contains a moderate amount of fluid attenuating material.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

HOSPITAL NAME

Wilvet Salem

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

REFERRING VET

Dr. Crystal Ebert

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

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- Acute traumatic non-displaced long oblique fracture ventral aspect ramus left mandible
- Acute traumatic articular fracture zygomatic process left temporal bone
- Mandibular symphyseal fracture
- Multiple non- to mildly displaced comminuted fracture splanchnocranium & zygomatic arch
- Suspect nasal hemorrhage

DATE

7/7/23



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

PATIENT Earl Ryan
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS The appreciated changes indicate preceding blunt craniofacial trauma with multiple fractures of the bones of the splanchnocranium. Recommend surgical management of the mandibular symphyseal fracture ± interdental bonding, depending on occlusion after management of the symphyseal fracture and (in)stability of the fracture of the left mandibular ramus.

SPECIES

Feline The fractures of the splanchnocranium will heal by second intention.

BREED

DSH

SEX

Neutered Male

AGE

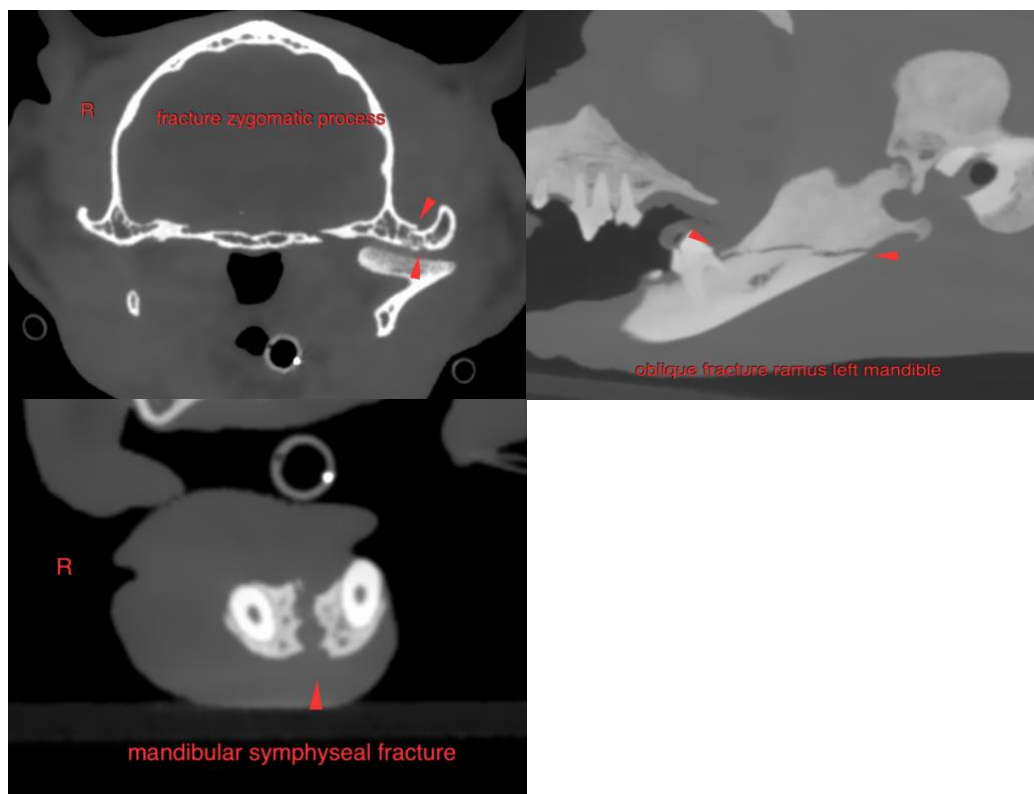
1 Year

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REFERRING VET

Dr. Crystal Ebert

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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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
 info@sonopath.com

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