



PATIENT PRESENTING CLINICAL SIGNS

Rumour Cook
SPECIES
 Canine

History: About 2 hours ago P ran into Os moving vehicle. P had elevated liver values 2 years ago and often eats grapes. P is otherwise healthy and e/d/u/d normally. P is not taking any medications. Performed oral exam under sedation. Crepitus and instability left side caudal mandible. Symphysis intact. Fracture appears closed. The maxilla appears to be previously fractured and displaced on the left side and along the midline. There is a freshly fractured R mandibular canine at the level of the gumline.

BREED
 Abnormal PE/Chem/CBC/UA Results:

Bernese Mtn. Dog
COMPUTED TOMOGRAPHIC STUDY OF THE SKULL
 A high-resolution plain CT study of the skull is provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

Male
AGE
 4 years

The dentition is complete. The crown of triadan 404 presents an oblique fracture and the apex is absent, exposing the pulp cavity to the dental surface. The right body of the mandible presents a well-defined short oblique fracture, running through the alveolar crest of triadan 404 – the rostral segment is mildly deviated rostrally and ventrally.

INTERPRETED BY
 Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

The left body of the mandible presents a long oblique fracture running in a rostradorsal to caudoventral direction, starting distally to triadan 306 and extending up to the level of the mesial root of triadan 309; the rostral segment is mildly deviated to the left. A thin fissure line is running in a caudal direction of the caudal segment of the body of the left mandible. The ramus of the left mandible presents with multiple fracture lines with mild deviation of the osseous fragments.

HOSPITAL NAME
 Southern Oregon VSC

The osseous structures of the viscerocranium present with non to mildly displaced multiple fractures lines – extending caudally up into the left hamulus of the pterygoid bone and the osseous lining of the frontal sinuses.

In the nasal cavity, a mild amount of soft tissue attenuating material is attached to the nasal mucosal lining.

REFERRING VET
 Dr. Fugazzi

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

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.

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A mild subcutaneous swelling is appreciated along the ventral aspect of the skull.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

7/21/22



PATIENT

Rumour Cook

- Acute traumatic short oblique fracture rostral aspect right body of the mandible – including the alveolar crest of triadan 404
- Complicated dental fracture 404
- Acute traumatic long oblique fracture left body of the mandible
- Acute traumatic comminuted fracture ramus of the left mandible

SPECIES

Canine

- Comminuted fracture of the viscerocranium with only mild deviation of the osseous fragments
- Suspect intranasal hemorrhage
- Suspect mild subcutaneous hemorrhage/edema ventral aspect of the skull

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Bernese Mtn. Dog

The CT study presents with multiple acute traumatic fractures of the bones of the viscerocranium and the mandible with the fractures of the body of the mandible are considered as the clinically most relevant fractures. The chances of fracture repair using a dental splinting system (considered the preferred option here), fixture extern or using surgical plate should be discussed with dentist/surgeon.

SEX

Male

AGE

4 years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

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REFERRING VET

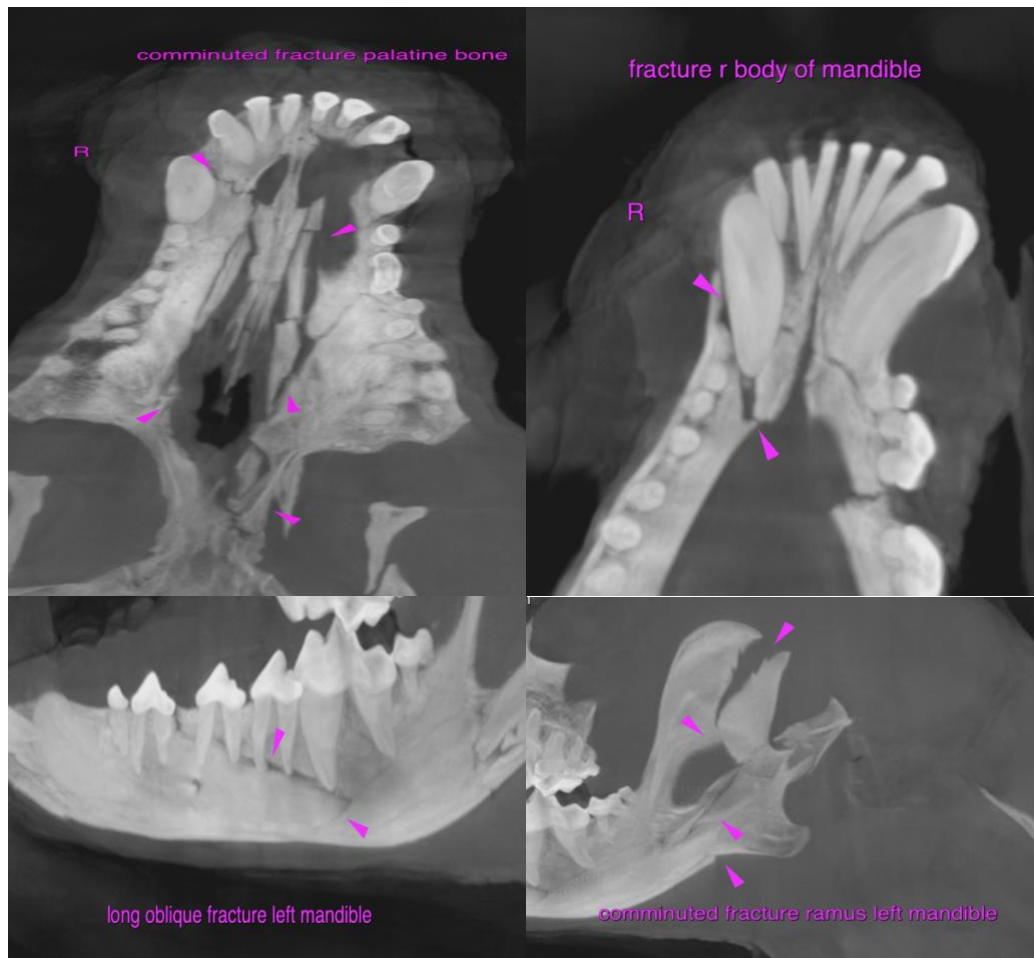
Dr. Fugazzi

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PATIENT

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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.

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

Bernese Mtn. Dog

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

SEX

Male

AGE

4 years

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