



PATIENT PRESENTING CLINICAL SIGNS

Pippa Katsman Sneezing, nasal discharge. Hx of seizures, under neurologist care and meds. Skull radiographs revealed BB bullet embedded in the frontal lobe.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Chihuahua The dentition is incomplete. The remaining teeth present mild to moderate signs of periodontal disease accentuating the triadans 103, 104, and 204. No evidence of a dental nasal fistula is seen.

The nasal turbinates and conchae present intact and within normal limits. The cribriform plate appears to be intact.

SEX

Spayed Female A small defect is seen in the internal lamina of the left frontal sinus allowing for prolapse of the dorsolateral aspect of the left frontal lobe of the brain into the left frontal sinus.

AGE

13 Years Mild focal thinning of the right bony orbita is seen with a small bilobed mineral attenuating structure medial to it within the right frontal lobe of the brain.

A 5mm sized metal attenuating round bullet is seen in a midline position level with the frontal lobes of the brain. Regional thickening of the cerebral falx with increased contrast enhancement appears to be present. The lateral ventricles of the brain are mildly enlarged.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

The retropharyngeal and submandibular lymph nodes present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of gunshot injury with BB bullet between the frontal lobes of the brain.
- Traumatic meningoencephalocele of the left frontal lobe into the left frontal sinus.
- Focal thinning of the left bony orbita with mineralizing encephalopathy of the adjacent right frontal lobe of the brain.
- Multifocal periodontal disease accentuating the triadans 103, 104, and 204.

HOSPITAL NAME

Mobile Pet Imaging

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Meaux

The CT study reveals no evidence of rhinitis; however, a meningoencephalocele of the left frontal lobe into the left frontal sinus is seen which may trigger the nasal discharge and sneezing.

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There also, however, is the BB bullet fragment lodging in the frontal lobe of the brain area. Focal meningeal hypertrophy appears to be present.

The focal mineralizing encephalopathy of the right frontal lobe of the brain may also be a consequence of the prior trauma with medial displacement of part of the right bony orbita versus mineralizing hematoma.

DATE

4-26-22

Post-traumatic seizural activity is one potential explanation for the recurrent seizures.



PATIENT

Pippa Katsman

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

13 Years

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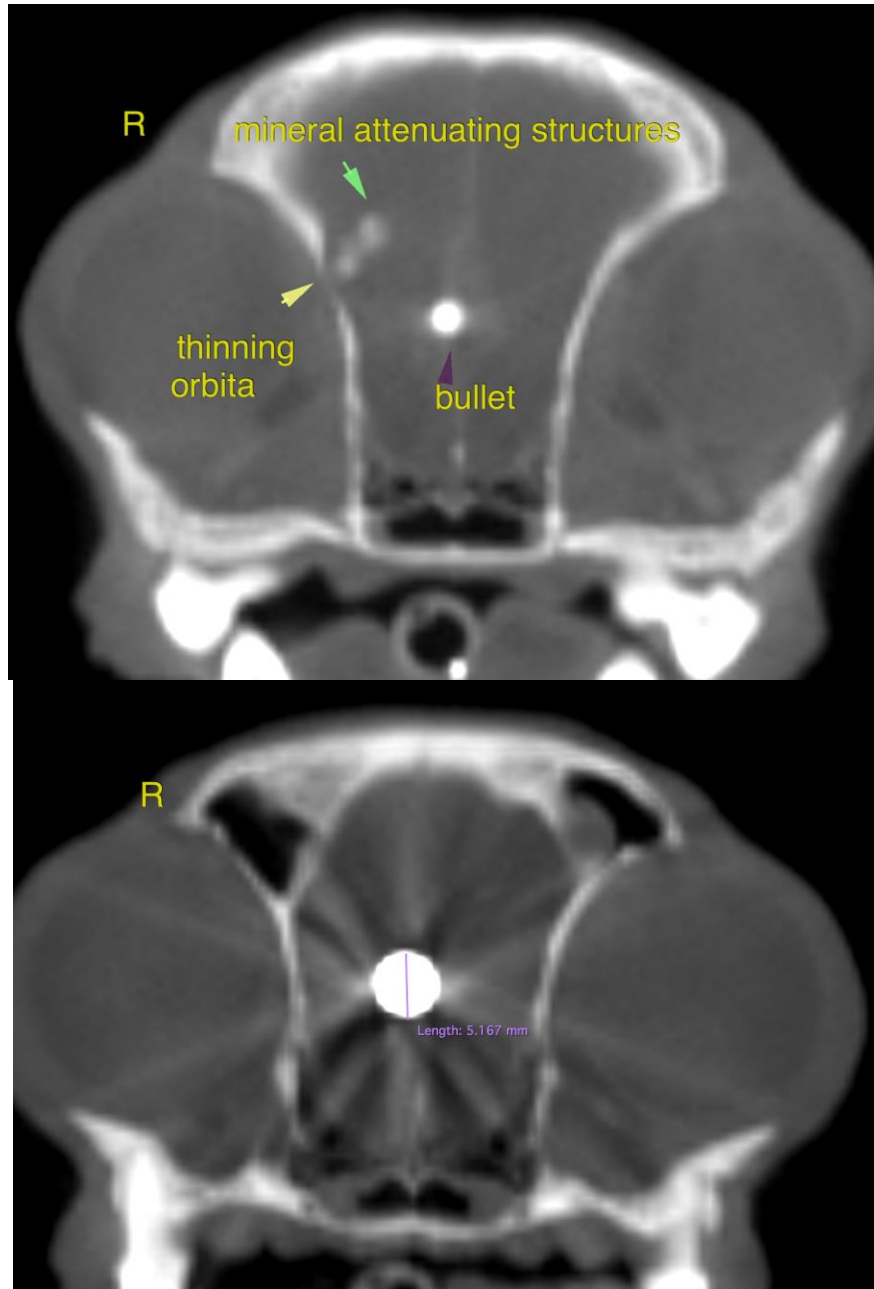
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PATIENT

Pippa Katsman

SPECIES

Canine

BREED

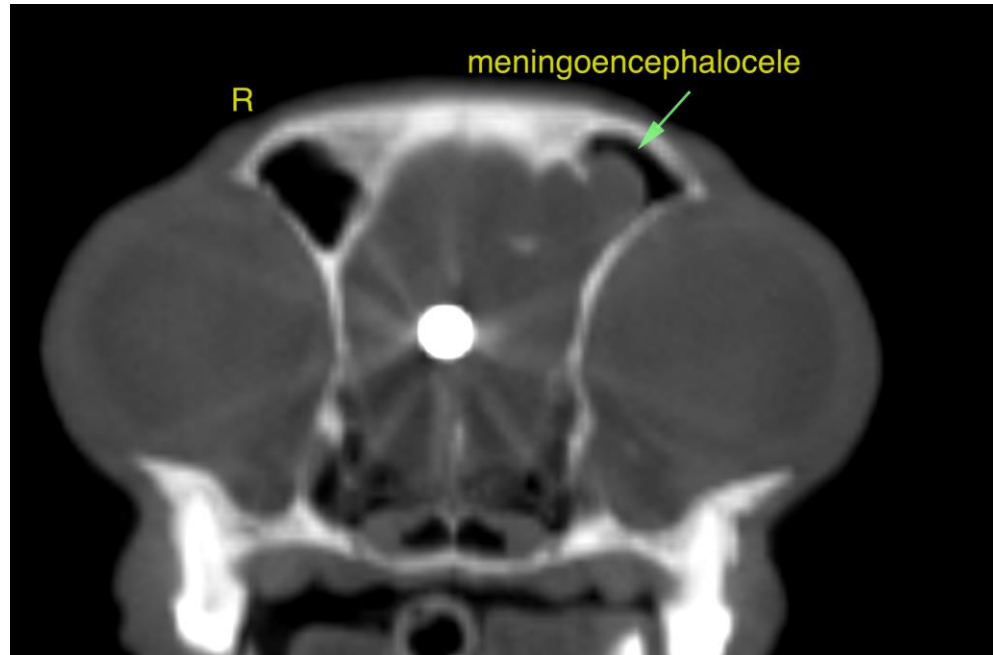
Chihuahua

SEX

Spayed Female

AGE

13 Years



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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

HOSPITAL NAME

Mobile Pet Imaging

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