



**PATIENT PRESENTING CLINICAL SIGNS**

Elle Simpson  
 Episodes of altered mentation up to 3 hours duration, typically following strenuous exercise, first noticed at 4 months of age. No loss of consciousness, tremors, or convulsions.  
 Abnormal PE/Chem/CBC/UA Results: multiple retained deciduous teeth, NAF otherwise.  
**SPECIES** CHEMISTRY showed hypoglobulinemia =1.6 (2.3-5.2) g/dL, NSF otherwise

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & ABDOMEN**

Plain and post contrast studies available for review. The abdominal study is right/left flipped.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Chihuahua Mix

**Head**

**SEX** The patient has a brachycephalic head type with shortened facial bones and dome shaped calvarium. There is an open fontanelle. The right occipital parietal suture and both parietal temporal sutures present incomplete closure.

F

**AGE** Multiple retained deciduous teeth are seen and associated with widening of the periodontium of the affected alveolus including both maxillary canine teeth, bilateral maxillary incisor teeth, and right mandibular canine tooth.

11 Months

The neuroparenchymal presents the expected anatomy and bilateral symmetry. No significant dilation of the ventricular system is identified. The attenuation and enhancement patterns are considered within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

A small supracollicular fluid accumulation is seen and considered within normal limits.

Mild atlantooccipital overlap is seen.

**HOSPITAL NAME Abdomen**

Healing Spirit Animal  
 Wellness

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**REFERRING VET**

Sarah Green

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

Multiple small cystic structures are seen in both ovaries.

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The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**DATE**

1-7-22

The gallbladder is moderately distended and presents nonuniform fluid attenuating content. The gallbladder wall is thin and smooth.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**PATIENT**

Elle Simpson

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The bony and surrounding soft tissue structures reveal no abnormalities.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC DIAGNOSIS****BREED**

Chihuahua Mix

- Brachycephaly with open fontanelle and incomplete or delayed closure of the skull sutures.
- No evidence of structural neuroparenchymal pathology.
- No evidence of portosystemic shunt.
- Multiple impacted deciduous teeth with widened periodontium.
- Mild atlantooccipital overlap.

**SEX**

F

No structural neuroparenchymal pathology is identified. Complementary csf analysis could be considered in order to screen for inflammatory/infectious, metabolic/toxic, neurodegenerative, and storage diseases. The mild atlantooccipital overlapping is commonly without clinical significance; however, the impingement of the dorsal arch of the atlas onto the cerebellum can cause intermittent cerebellar signs.

**AGE**

11 Months

There is no evidence of a portosystemic shunt. Microvascular dysplasia cannot be ruled out entirely theoretically. However, there appears to be no hepatic dysfunction / insufficiency as per the laboratory results which renders this potential low.

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Healing Spirit Animal  
Wellness

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**PATIENT**

Elle Simpson

**SPECIES**

Canine

**BREED**

Chihuahua Mix

**SEX**

F

**AGE**

11 Months

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**REFERRING VET**

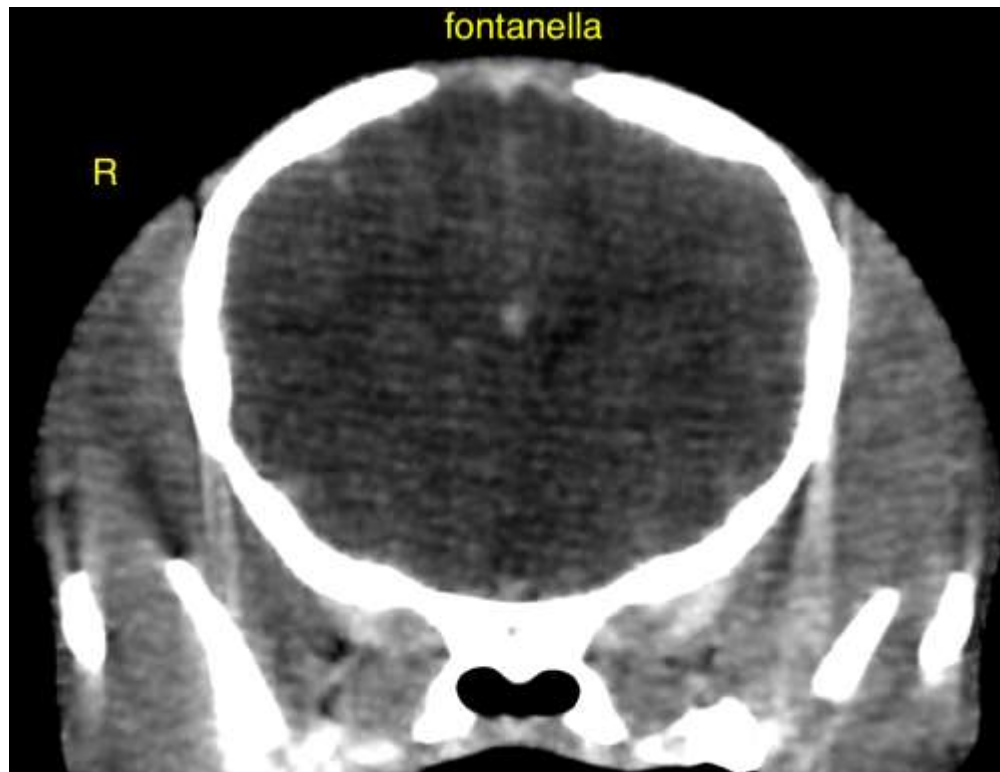
Sarah Green

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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.

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