



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Miracle McIntosh History: Miracle was trapped for 3 weeks under an air conditioner unit that blew off of a house roof following Hurricane Dorian in Bahamas -2019 (<https://www.youtube.com/watch?v=1tKGcX2eab4>).

The extent of his injuries at that time are currently unknown. He was placed into rescue and successfully treated for heartworm disease. He was adopted following lengthy convalescence from a serious respiratory illness; no work up for distemper had been performed by the rescue team.

**SPECIES** Canine Miracle began to experience periodic seizures, which worsened over time and he was returned to the rescue. One of my technicians adopted him in November 2021. Since that time, his seizure magnitude, frequency and post ictal period increased. He has also developed hind limb (bilateral but worse on left hind limb), stool retention and urinary bladder atonicity. Interestingly, the hind limb ataxia resolved for 48 hours after his last grand mal seizure and again following CT scan anesthesia (propofol/midazolam/isoflurane). He is medically managed on phenobarbital 64.8 mg po BID and KBR 750 mg po BID.

**BREED** Mixed

**SEX** Abnormal PE/Chem/CBC/UA Results: Elevated CK.

Neutered Male

**COMPUTED TOMOGRAPHIC STUDY OF THE SKULL AND ENTIRE SPINE**

**AGE**

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

3 Years 10 Months

**COMPUTED TOMOGRAPHIC FINDINGS**

Patient positioning is set to prone, but patient is in supine position – resulting in electronic imaging marker indicating the left side of the patient is actually the right and vice versa.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**Skull**

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

**HOSPITAL NAME**

Florida Vet  
Cardiology/Mobile  
Pet Drs

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

**REFERRING VET**

Dr. Claudio

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.

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.

**INVOICE**

15796

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.

**DATE**

5/27/22



**PATIENT**

Miracle McIntosh

**Spine**

The osseous and soft tissue structures of the cervical spine are within normal limits.

**SPECIES**

Canine

No abnormalities of the osseous and soft tissue structures of the thoracic & lumbar spine are appreciated.

In the pictured parts of the caudal lung lobes, multiple peripheral pulmonary arterial segments are prominent and present mild granular mineralization.

**BREED**

Mixed

No overt abnormalities of the pictured aspects of the abdomen are appreciated.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SEX**

Neutered Male

- Structural normal brain
- Structural normal cervical, thoracic and lumbar spine
- History of Dirofilaria with dystrophic mineralization of multiple peripheral pulmonary arteries

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

3 Years 10 Months

In the present study of the brain there is no evidence of macromorphological disease.

No abnormalities of the spine are appreciated, explaining the described ataxia, there is no evidence of compressive myelopathy.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

If not yet done so the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes of the CNS an MRI may be considered.

**HOSPITAL NAME**

Florida Vet  
Cardiology/Mobile  
Pet Drs

**REFERRING VET**

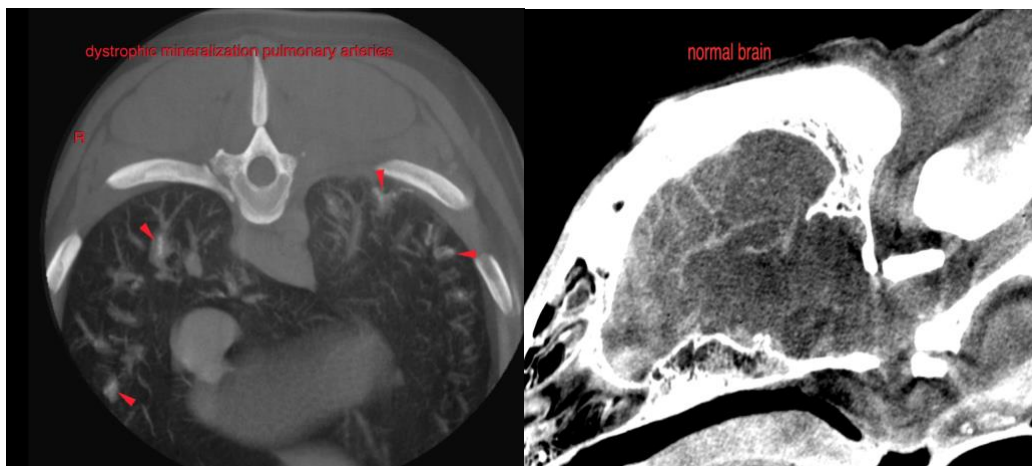
Dr. Claudio

**INVOICE**

15796

**DATE**

5/27/22





**PATIENT** 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.

Miracle McIntosh

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.

**SPECIES**

Canine

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

**BREED**

Mixed

**SEX**

Neutered Male

**AGE**

3 Years 10 Months

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Florida Vet  
Cardiology/Mobile  
Pet Drs

**REFERRING VET**

Dr. Claudio

**INVOICE**

15796

**DATE**

5/27/22