

### Diagnostic Imaging

Veterinary CT, Ultrasound & Teletology Services  
veterinarian referral only

## PATIENT PRESENTING CLINICAL SIGNS

Freddi D'Angelo

History:

### SPECIES

Canine

### BREED

English Bulldog

### SEX

Female Spayed

- Vet discussed cognitive decline vs brain tumor - tremoring, unable to settle at night
- weight loss despite low thyroid
- shaking and restlessness has been progressively worse despite over supplementing (T4 5.9 12/5) and then under supplementing thyroid (decreased dose, 0.9). Energy has been normal and fur coat much improved since starting thyroid supplementation, but the shaking and panting is progressively worse,
- Current Medications: gabapentin at night 300mg, Thyroid meds 0.3mg PO BID, continue 30mg PO BID veterinary
- recommend CT scan to rule out brain tumor

Abnormal PE/Chem/CBC/UA Results: mature: ALP 3984, ALT 112 (normal), steroid hepatopathy t4: 0.9 acth stim: well controlled

## COMPUTED TOMOGRAPHY OF THE SKULL

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

### AGE

10Y

## COMPUTED TOMOGRAPHIC FINDINGS

A supernumerary triadan 102 and 202 is seen. Multiple teeth are absent. A moderate brachygnathia superior is appreciated.

### INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDI

Along the fascial planes of the masticatory muscles, moderate granular mineralization is appreciated.

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.

### HOSPITAL NAME

Rockaway Animal  
Hospital

Both tympanic bullae are partially obliterated by soft tissue attenuating material. The external ear canals present mild mineralization of the wall.

Post contrast administration, a moderate contrast enhancing ovoid shaped mass is protruding from the pituitary fossa into the cranial fossa; measuring 15 x 14 x 14 mm. The diencephalon is distorted by the mass effect.

### REFERRING VET

Dr. Harrs

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

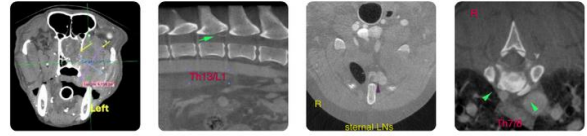
### INVOICE

73390

### DATE

1-20-26

- Intracranial extraaxial moderate contrast enhancing mass arising from the pituitary fossa
- Calcinosis cutis
- Bilateral otitis media
- Multiple absent teeth
- Supernumerary triadan 102 and 202



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**PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Freddi D'Angelo

The contrast enhancing mass arising from the pituitary fossa is consistent with primary neoplastic transformation of the pituitary gland – functional adenoma or adenocarcinoma with secondary central hyperadrenocorticism is likely and would explain the calcinosis cutis. Theoretically, sellar meningioma is a differential. If the pituitary mass is associated with the described clinical signs is unclear and accompanying canine cognitive dysfunction syndrome is a likely potential.

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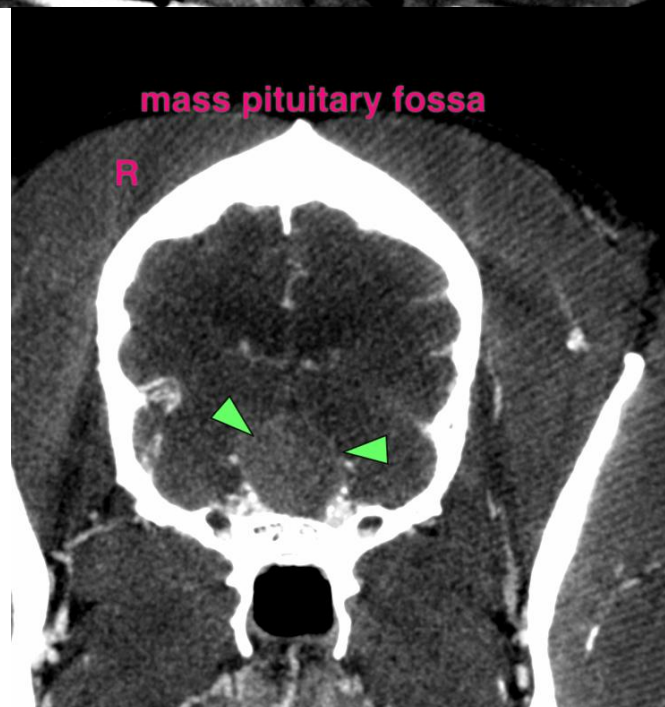
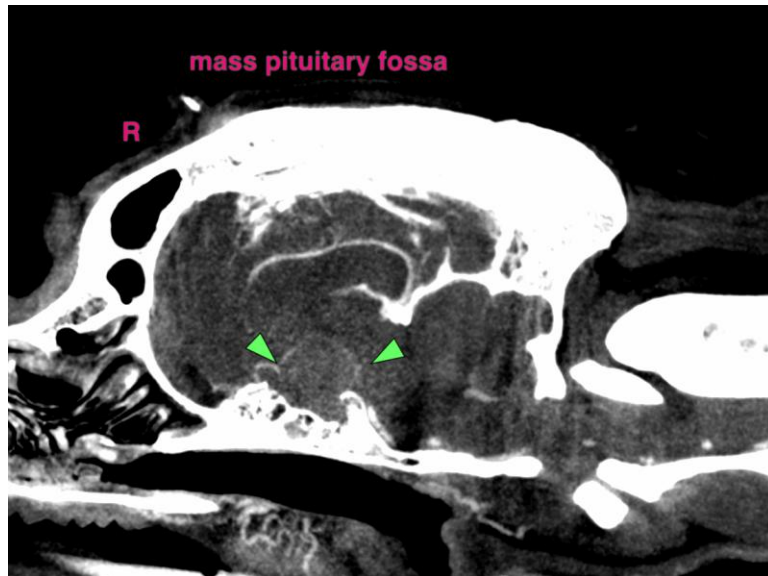
Dr. Harrs

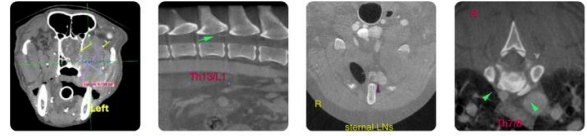
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SonoPath.com | info@sonopath.com | 1 (800) 838-4268  
141 Main St, Andover, NJ 07821

**PATIENT**

Freddi D'Angelo

**SPECIES**

Canine

**BREED**

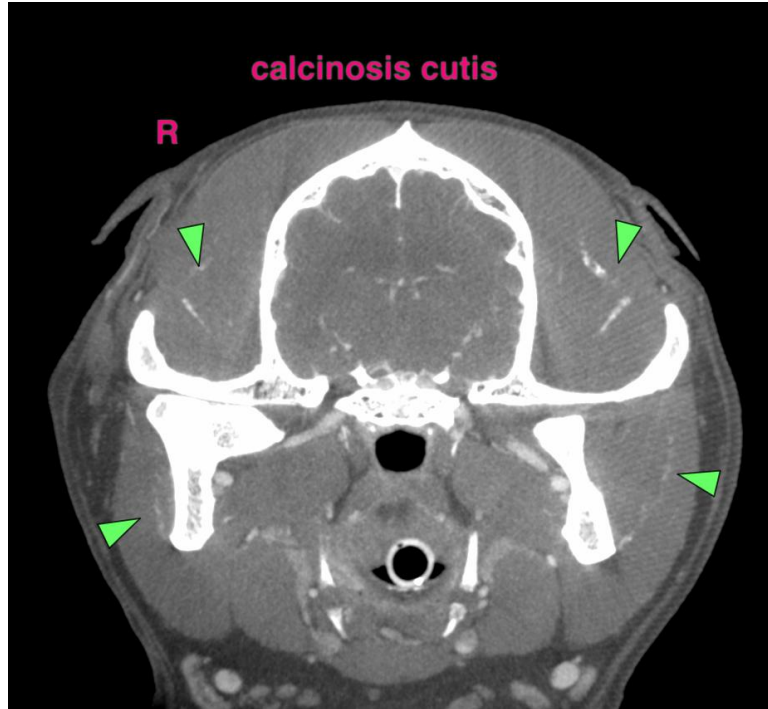
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**

Rockaway Animal  
Hospital

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
[info@sonopath.com](mailto:info@sonopath.com)

**REFERRING VET**

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