



Visit our website



Neurosurgical Case Study: Craniectomy for Meningioma removal in 8 year old Feline.

Introduction

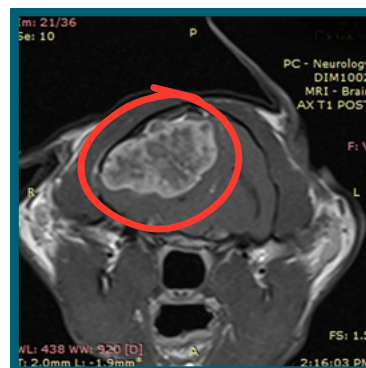
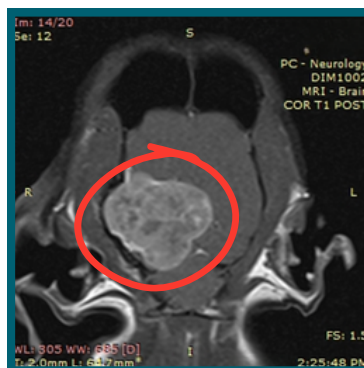
Mr. Collins, an 8-year-old domestic shorthair cat, was referred to the Neurology Department at **Port City Veterinary Referral Hospital** on January 13, 2025, for a thorough evaluation due to the abrupt development of circling. His symptoms began with circling and confusion on New Year's Eve, 2024. Mr. Collins was also having difficulty eating and drinking and began vocalizing inappropriately as well as staring into space.

Initial Presentation

Mr. Collins was evaluated by our skilled Neurology team, led by **Bronwyn Riggs, VMD, DACVIM**, ensuring comprehensive care of his condition. During his neurological exam, Mr. Collins demonstrated compulsive circling to the right. He was disoriented and his cranial nerve examination revealed absent vision in his left eye. Neurolocalization indicated a problem affecting his right forebrain.

Diagnostic Imaging/Diagnosis

On the day of initial presentation, Mr. Collins had an MRI performed which demonstrated a large tumor compression in his right temporal and occipital lobes. These findings were suggestive of a primary brain tumor called a meningioma. He was treated with steroids while surgical options were considered by his family.



Surgical Intervention

On January 10, 2025, 1 week after his MRI, Mr. Collins returned to **Port City Veterinary Referral Hospital** to undergo a craniectomy and removal of the brain tumor. **Dr. Bronwyn Riggs** performed a right lateral rostral tentorial craniectomy, carefully removing the large tumor in its entirety. The surgery was a success, and the tumor was submitted for biopsy. Histopathology confirmed the diagnosis of a meningioma.

Post Surgical Care and Monitoring

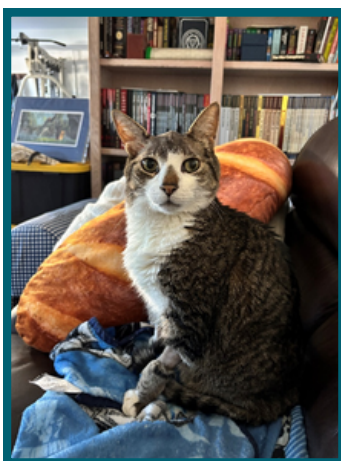
Following surgery, Mr. Collins remained hospitalized for observation to ensure proper recovery. He did very well during his recovery and within hours of his surgery he was up and walking again. The following day, he was no longer circling and had regained vision in both eyes. Two days after his surgery, he was discharged from the hospital. At home, Mr. Collins enjoyed eating with his sister "Charlotte" and re-engaging in their usual banter. By February 5th, his owners reported that he was continuing to improve daily and was once again his lively, "spicy" self. We are beyond pleased with his progress!

Conclusion and Implications

Mr. Collins' case is a prime example of the critical importance of prompt diagnosis and the exceptional care provided by the **Neurology** team at **Port City Veterinary Referral Hospital**. Despite the complexity of his problem, his treatment has allowed Mr. Collins to regain his full function and quality of life, along with a chance at longevity. A special acknowledgment goes to **Ella Pittman, DVM, DACVAA**, whose critical role in coordinating and monitoring the anesthesia ensured a smooth and safe procedure. Additionally, our **ICU** team played a vital role in assisting with Mr. Collins' recovery, providing continuous care throughout his hospitalization. Mr. Collins' recovery underscores our ongoing dedication to advancing veterinary medicine and ensuring that every patient, like Mr. Collins, receives the highest standard of care for the best possible outcome and long-term health.



2 Hours Post Op



1 Week Post Op



2 Weeks Post Op