GRANULAR CELL TUMOR

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Belle

- 12-year-old, FS Irish terrier

- Presented to rDVM
  - Ataxia
  - Running into walls
  - Progressed into pacing
  - Anorexia

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Gross Pathology
Morphologic Diagnosis

Cerebrum: Meningeal Granular Cell Tumor
Comments

✓ Uncommon

✓ Derived from neural or non-neural tissues

✓ GCTs have been described in:
  > Dog  > Horse
  > Cat  > Rat
  > Ferret  > Cockatiel
Comments

✧ Histogenesis controversial

✧ Suggested to differ according to the site of the tumor

✧ Can have variable immunohistochemical profile
  ✧ Most exhibit positivity for vimentin
Comments

✧ Diagnostic feature in all species:
  ✧ Abundant PAS-positive, diastase-resistant, cytoplasmic granules
✧ Single case report of atypical GCT in a dog reported lack of positive staining with PAS
Questions or Comments?