59 y/o man with neck swelling

Aladdin Tarakji, MD
Leo Wolansky, MD
Thyroglossal Duct Cyst
Homogeneous hypodense lesion (asterisk), near midline, embedded deep to strap muscles (arrow)
Lesion (asterisk) extends from strap muscles (arrow) toward larynx
Lesion (asterisk) has broad interface with hyoid bone (arrow)
Lesion (asterisk) is elongated, following course of thyroglossal duct
Thyroglossal Duct Cyst

- Most common type of congenital neck cyst.
- Result from failure of normal obliteration of the thyroglossal duct during development.
- Present during childhood as a gradually growing painless fluctuant cervical mass.
Thyroglossal Duct Cyst

- Occur anywhere along the course of the thyroglossal duct from the foramen cecum to the thyroid gland.
- Infrahypoid location is most common.
- Typically located midline or within 2 cm of midline.
- Contact with hyoid is characteristic due to long course of the duct around the hyoid
- Typically situated immediately deep to strap muscles
References

- https://radiopaedia.org/articles/thyroglossal-duct-cyst