

Stafne's bone cyst

Tuba Kalelioglu, MD

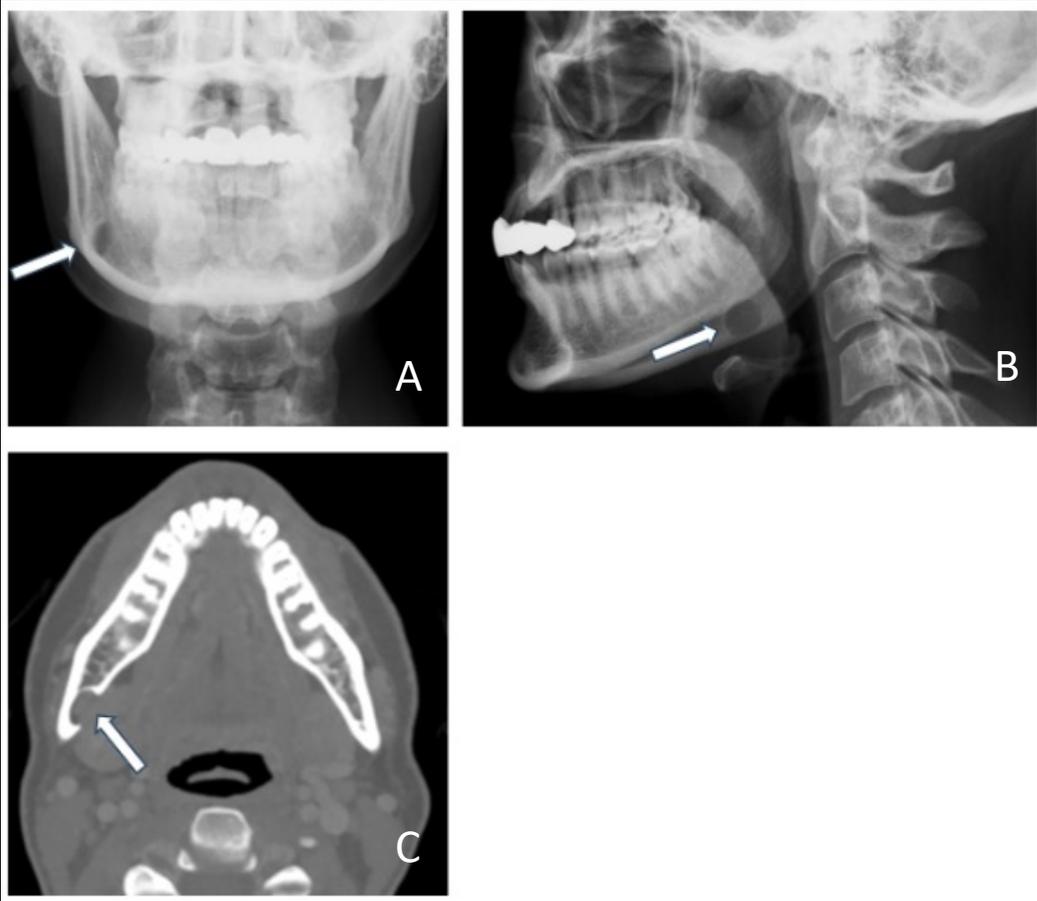


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Clinical Presentation

- A 38 year old female presented to ED after a fall on chin.

Imaging Discussion



AP (A) and lateral (B) views of mandible radiographs showed no evidence of fracture or malalignment. There was an incidentally noted 1.2 cm nonaggressive appearing lytic lesion at the inferior body/angle of the right mandible (arrows).

C. Concurrent CT of head showed a cortical defect near the angle of the right mandible below the mandibular canal (arrow).

Management and Outcome

- Stafne's bone cyst is an incidental finding which locates in the medial aspect of mandibular angle, filled with fat or submandibular gland. It does not cause any symptoms. Follow up imaging is not recommended.

Take Home Points

- Recognizing Stafne's bone cyst is important because it does not have any clinical significance. Additional advanced imaging or follow up imaging is not usually required.

References

- Aps JKM, Koelmeyer N, Yaqub C. Stafne's bone cyst revisited and renamed: the benign mandibular concavity. *Dentomaxillofac Radiol.* 2020 May 1;49(4):20190475. doi: 10.1259/dmfr.20190475. Epub 2020 Feb 3. PMID: 31944858; PMCID: PMC7213533.