Surgical and Radiologic Anatomy (2019) 41:983
https://doi.org/10.1007/s00276-019-02254-3

LETTER TO THE EDITOR

Comments about the article "First report of lateral nasal wall pneumatization"

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Received: 7 April 2019 / Accepted: 4 May 2019 / Published online: 22 May 2019

Dear Editor,

The article titled "First report of lateral nasal wall pneumatization", authored by Köse and Dönmez Tarakçı, was accepted from Surgical Radiologic Anatomy [1]. Although the authors wrote it carefully, we think there may be inaccurate judgments about the "pneumatization". Present cases should be a cyst of the jaw that occurs in the medial wall of the maxillary sinus. "In CBCT images, pneumatization within mucosal thickening was diagnosed in left nasal wall (Fig. 2)." which was described by the authors is also inaccurate, and should be filled with soft tissue density.

First of all, the "pneumatization" shown by the authors is a soft tissue density shadow of the round bony shell. Its interior is not gas density. There is insufficient evidence to describe it as pneumatization. Second, drainage channels were found in all sinus-related pneumatization. However, the images provided by the authors failed to show the drainage channels. In contrast, it is a completely bony enclosed cavity, which does not support "pneumatization" either. Third, the authors did not provide MRI results. If there is an MRI, the result of "pneumatization" is likely to be a water signal or a liquid signal. I presume that the case provided by the authors is a cyst of the jaw, which occurs in the medial wall of the maxillary sinus. At the same time, its morphological characteristics also accord with cyst. Finally, we did not know if the patient had been performed operation and, if so, could be further confirmed.

Sincerely.

Reference

1. Köse E Dönmez, Tarakçı Ö Surg, Anat Radiol (2019) First report of lateral nasal wall pneumatization. Surg Radiol Anat 5:1–3. https://doi.org/10.1007/s00276-019-02233-8

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