Bronchogenic cyst in left anterior cranial fossa

A 33-year-old man had dizziness for 3 days without provoking factors. Head CT demonstrated a mass in the left lateral anterior cranial fossa with calcification and cystic degeneration (figure 1, A–C). MRI showed an irregularly shaped mass with signals that indicated calcification and cystic degeneration. (F) Slightly marginal enhancement on gadolinium enhancement.

Figure 1 Head CT and MRI

(A, B) The mass in the left anterior cranial fossa with calcification and cystic degeneration. (C) The mass was closely related to ethmoid sinus. (D) (T1-weighted) and (E) (T2-weighted): The mass was irregularly shaped with signals that indicated calcification and cystic degeneration. (F) Slightly marginal enhancement on gadolinium enhancement.

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Figure 2  Pathologic examination

Hematoxylin & eosin staining (×200) demonstrates that the walls of the excised cysts were lined with pseudostratified ciliated columnar epithelium and the underlying smooth muscle components of the cysts.

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