

A Case of the Week

Case 404

A forty-year-old female presented in our hospital with a reference letter saying that she had felt general fatigue since June in 2022, three months later, general fatigue gradually getting severe. On 25th September, dyspnea during sleeping at night emerged and she was emergently transported to the local hospital. After admission, respiratory situation worsened more, leading to cardiac pulmonary arrest. She recovered after being given extracorporeal membrane oxygenation. Thereafter, she initiated rehabilitation or training for social recovery. She took brain MRI routinely to check brain damage (Figs. 1, 2).

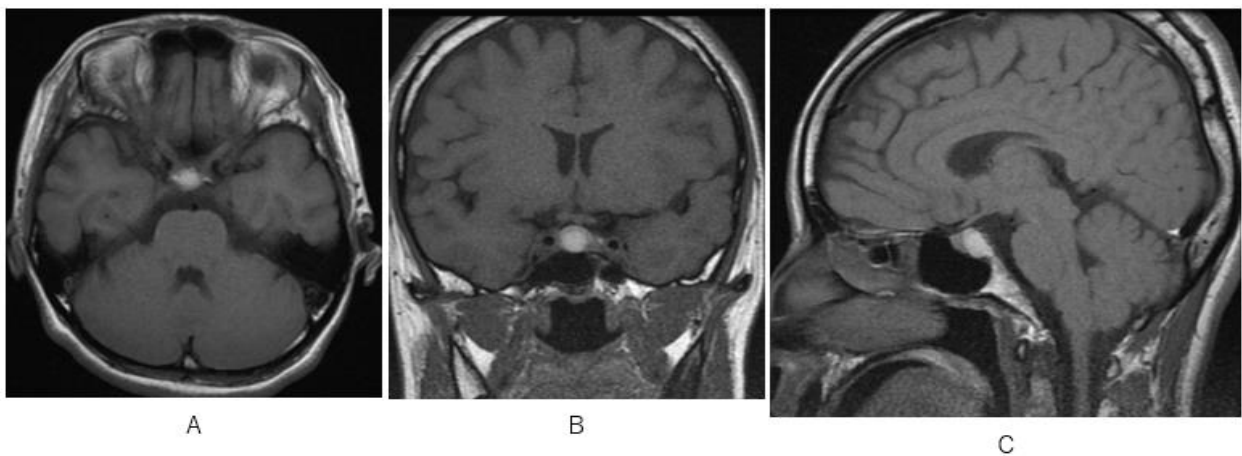


Fig.1 A cystic lesion with high signal intensity at pituitary gland in a sella turcica is depicted on axial (A), coronal (B) and sagittal (C) T1WIMRI.

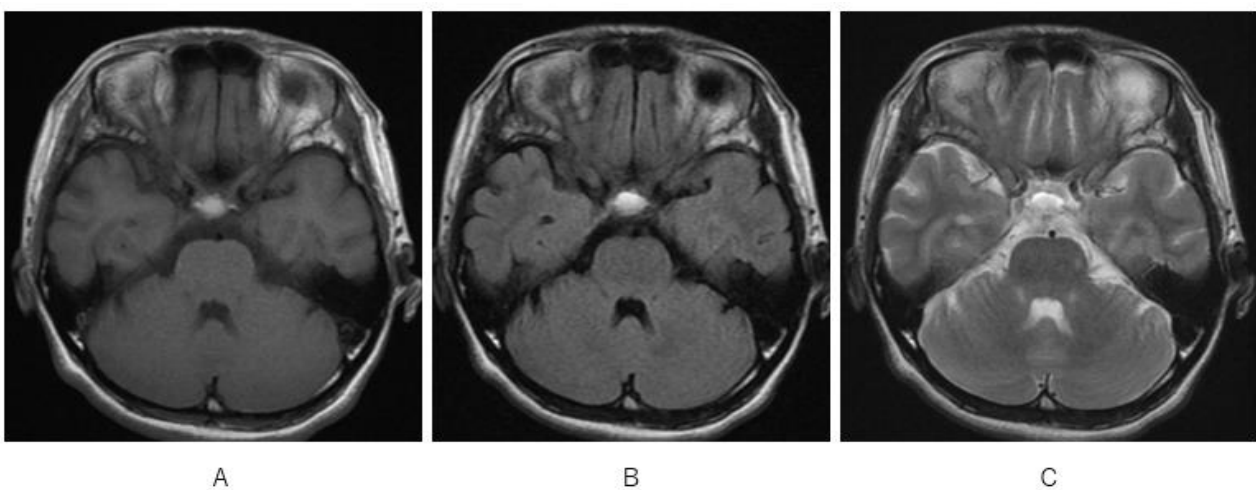


Fig.2 A cystic lesion at pituitary gland in sella tunica is depicted high signal intensity on T1WI (A), high signal intensity on FLAIR (B) and so-signal intensity on T2WI (C).

What is an imaging diagnosis?

1. Pituitary apoplexy
2. Pituitary cyst
3. Craniopharyngioma
4. Rathke cyst

answer

2025.9.19