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THE COEXISTENCE OF ANAPLASTIC AND FIBROUS MENINGIOMAS IN A SINGLE BRAINT UMOR : A CASE REPORT.

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Introduction: Meningiomas are common benign neoplasms of the central nervous system. They have long term curability if they are excised completely. Anaplastic meningioma is a rare neoplasm. It has high recurrence than low-grade meningiomas.

Case Report: The patient was a 65-year-old female, who developed progressive gait instability. Cranial magnetic resonance imaging revealed a 4x7,5 cm mass in the posterior fossa; inferior part of tumor invaded into the C2 vertebrae posterior. She underwent occipital decompressive craniectomy and complete excision of the mass. Histological specimen demonstrated malignant cytological features resembling carcinoma and spindle tumoral cells that are parallel, mixed, storiform pattern in a focal area of tumor. After immunohistochemical staining for differential diagnosis, the case was reported as anaplastic and fibrous meningioma.

Conclusion: Anaplastic meningioma arises de novo or as a result of the progressive transformation of a low-grade meningioma. It keeps unclear whether or not all low-grade meningiomas pass through stage of atypical meningioma in the progression to anaplastic meningioma. The coexistence of anaplastic and low-grade component has been rarely reported.

Anahtar Kelimeler : Anaplastic meningioma, Meningioma, Fibrous meningioma