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Cartilage differentiation in ependymoma: Histopathological considerations on a new case report

Zoha Khademi, Mohsen Dalvandi, Ali rahbari, Peyman Mokarian, Akbar hasanpour and Taha fereydouni

Arak University of Medical Sciences, Iran

The presence of cartilaginous component in gliomas including ependymoma is a unique phenomenon. We here in report a further 8-year-old boy suffered from a tumor in the fourth ventricle that histopathologic evaluation proved its uncommon ependymoma with cartilage within the tumor tissue. Derivation of this mature chondrocytes is unknown and immunohistochemical labeling for GFAP, EMA, cytokeratin and KI-67 could not support their possible origin from glial cells. Radiation role in chondroid metaplasia was rejected during this present case. At the end of article, we investigated cartilaginous ependymomas have more aggressive behavior than classic ependymomas.

Biography

Zoha Khademi is a Medical Resident from Arak University of Medical Sciences, Iran. She is a member of Student Research Committee at the University.

z.khademi@arakmu.ac.ir

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