



10~20

28

1

1979 Kepes

가

(1).

10

20

(frozen section)

가

(excisional biopsy)

가

GFAP

가

(2-5).

(glial fibrillary acidophilic protein) S-100 protein

1

(Fig. 2).

28

가 2

3

1973 Kepes

3

1979

12

(Magnetic

Resonance Imaging,
×2.5 cm

MRI

)

1.5

(6).

(5).

2

가

, T1

가

, T2

(2, 3, 5, 6). 가

가

가

(7).

(Fig. 1A - C).

가

가

(1, 2, 4,

6).

가

2000 3 3

2000 6 30

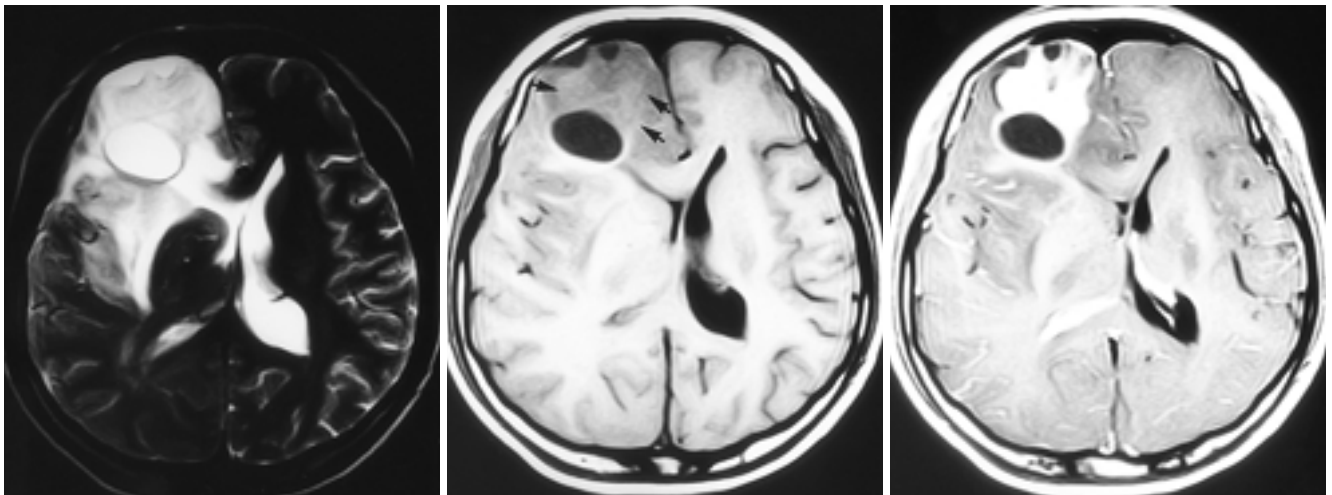


Fig. 1. **A.** Axial T2-weighted MR image shows a heterogeneous high signal intensity mass containing several cysts of homogeneous bright signal intensity with central higher signal areas in the right frontal lobe.
B. Axial T1-weighted MR image shows a solid and cystic mass in the right frontal lobe. Signal intensity of the solid portion (arrow) is isointense to gray matter.
C. Axial Gd-DTPA enhanced T1-weighted MR image shows heterogeneous, dense contrast enhancing solid portion of the mass in the right frontal lobe.

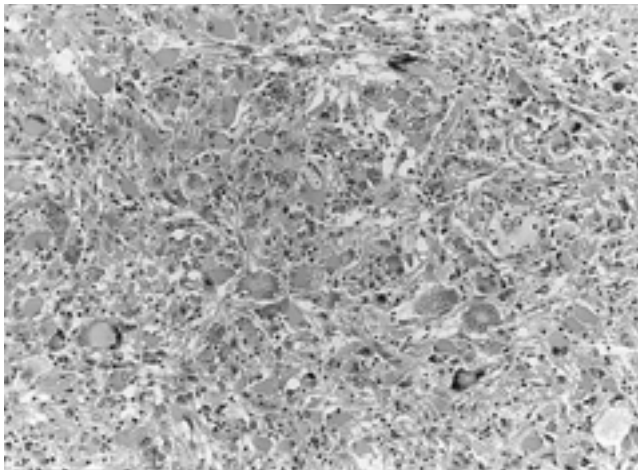


Fig. 2. Pleomorphic multinucleated giant cells admixed with spindle cells are arranged in fascicular array. Some giant cells have abundant foamy or eosinophilic granular cytoplasm. (H & E stain, $\times 200$)

(6). Gd - DTPA enhanced MR (4),

(6). MRI Gd - DTPA

가

, , , , ,

, , , , , (3,

5).

가 (2, 4).

,

(4), 가 (4).

,

, 가 (2, 4).

,

(1), T1

가

, T2

(1, 6).

T1

(2, 8).

, 가

(1)

, T1

가

, (reticulin network)

(1 - 4, 6, 11).

가
GFAP(glial fibrillary acidophilic protein)
S100 protein
(2, 3, 6,
11).
가
(2,
3, 7).
가
(3, 7).
가
Weldon - Linne
32 21
1
(9).
가
Furuta A
H. Lipper
(1), Kalliopi Petropoulou
(5).
10 20
가
가
가

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Pleomorphic Xanthoastrocytoma with Peritumoral Edema: A Case Report¹

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Pleomorphic xanthoastrocytoma is a rare, usually benign, supratentorial tumor involving the leptomeninges and superficial cortex, and usually occurs during the second and third decades. We experienced a case of right frontotemporal pleomorphic xanthoastrocytoma with moderate peritumoral edema in a 28-year-old female who complained of seizures and headache, and describe the CT, MRI and pathologic findings.

Index words : Brain, neoplasms
Astrocytoma

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