



2 9%

. MR T1

, T2
T1

2
0.5 - 1.9%
(1 - 5).
2 - 9%

가

(2 - 4, 6).

MRI T1 (Fig. 3A)

, CT
. T2

T1

가 가
T1 (Fig. 3C)

가 (Fig. 3B).

3 가
39 , 2950 g
29

가

(Fig. 1)

6 cm

가
CT

6 × 4 cm

가
가

가

1

CT (Fig. 2)

가
glial fibrillary acid protein (GFAP)

0.5 - 1.9%
(4). 2

definitely congenital, 1

1
2
3

2001 5 11

2001 9 18

probably congenital
possibly congenital

2
(1, 2).

(5, 6).

2/3 (4, 5).

가 , , , 가 가 , (3, 6).

2 9%

1999 18 가

10:4 가

. 15:3 가

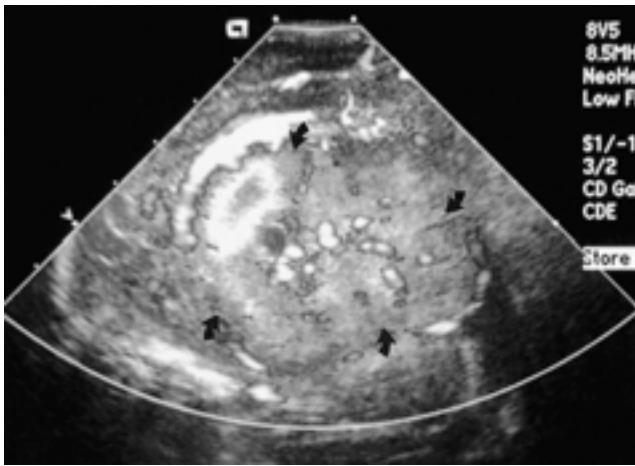


Fig. 1. Parasagittal sonogram of the brain shows a large echogenic mass(arrows) with internal vascularity in frontal horn of the left lateral ventricle.

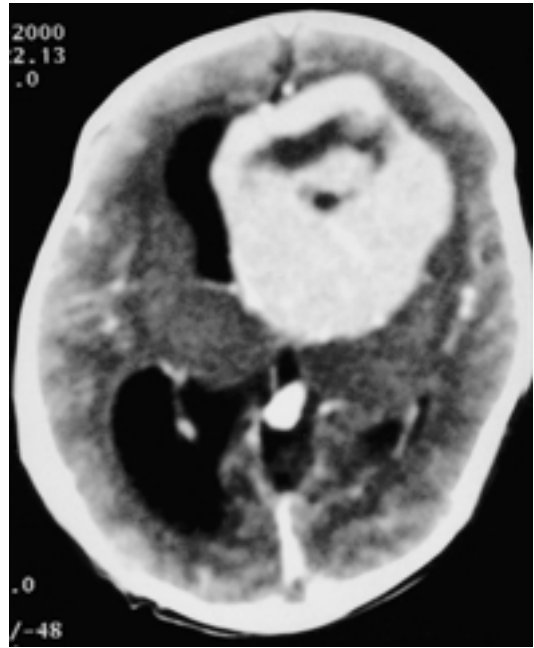


Fig. 2. Contrast enhanced CT scan demonstrates a relatively homogeneously enhanced mass except several necrotic areas in the left lateral ventricle and frontal lobe.

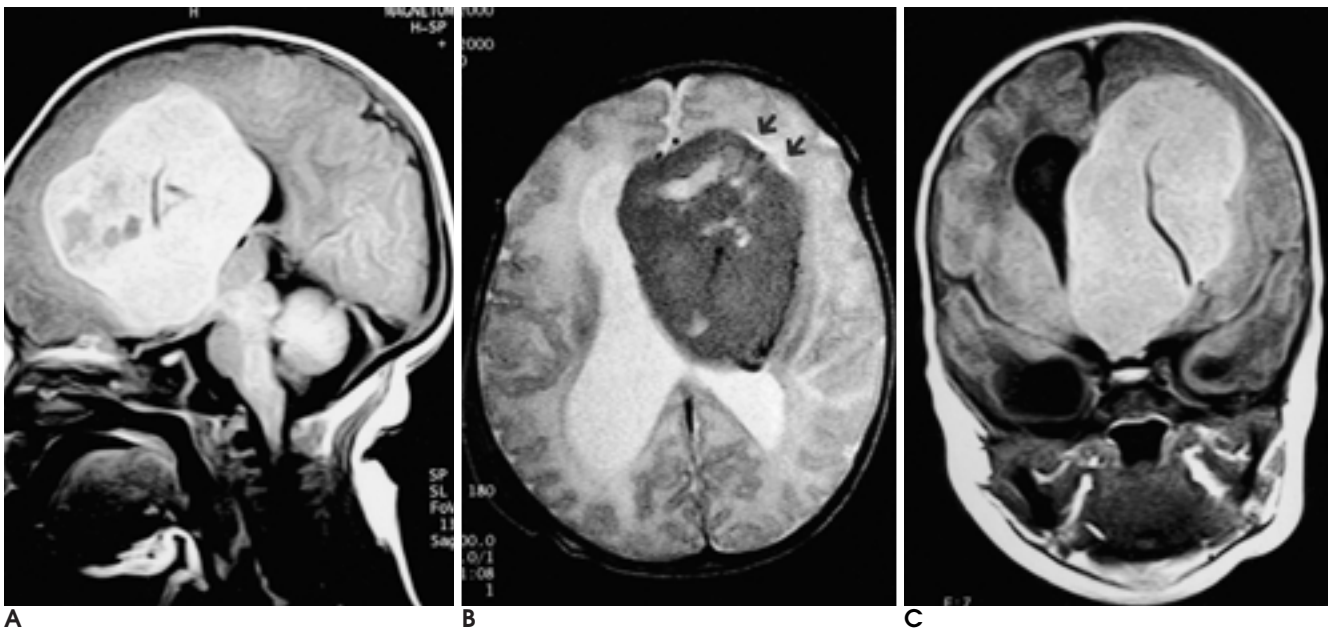


Fig. 3. **A.** Parasagittal T1-weighted MR image(TR/TE 600/12) shows a high signal mass lesion with scattered areas of low signal intensity and tubular structure. The mass extended to the suprasellar portion inferiorly. **B.** Axial T2-weighted MR image(TR/TE 4000/99) reveals a low signal mass with several high signal portions suggesting necrotic areas. Compressed frontal horn of left lateral ventricle is shown(arrows). **C.** Post-contrast T1-weighted coronal image shows a long serpentine structure of low signal intensity suggesting a vascular signal void.

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Congenital Glioblastoma Multiforme: A Case Report¹

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Congenital glioblastoma multiforme is relatively rare accounting for 2 - 9% of all congenital brain tumors. We describe a case of congenital glioblastoma multiforme which occurred in the lateral ventricle. T1-weighted images revealed high signal intensity, with areas of internal low signal intensity, while T2-weighted images showed low signal intensity with focal internal high-signal portions. Post-contrast T1-weighted images depicted a lateral ventricular mass which extended to adjacent brain parenchyme and had a serpentine signal void representing internal vessel.

Index words : Brain, US

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