



ernous sinus) (extra-axial cavernous hemangioma) (cav -
 1 가
 5 - 13% , T2 -
 Gd - DTPA ,
 (middle cranial fossa), (cav -
 (cerebral convexity), (tentori - (Fig. 1C - E).
 um), 가
 (1 - 7). CT MR
 MR 가
 (2), 가 (meningohypophyseal trunk) (Fig. 1F).
 가 가 (pteronal approach)
 1 가 가
 38 가 3 (light reflex) ,
 mm³ 가 0 /mm³, 37.3°C 가 2 / 가 III VI
 CT 가 가 (Fig. 1G). (Fig.
 가 (Fig. 1A).
 (Fig. 1B). MR T1 -
 (buckling)

1가
 2가
 3가

2000 가
 2001 2 5 2001 4 13

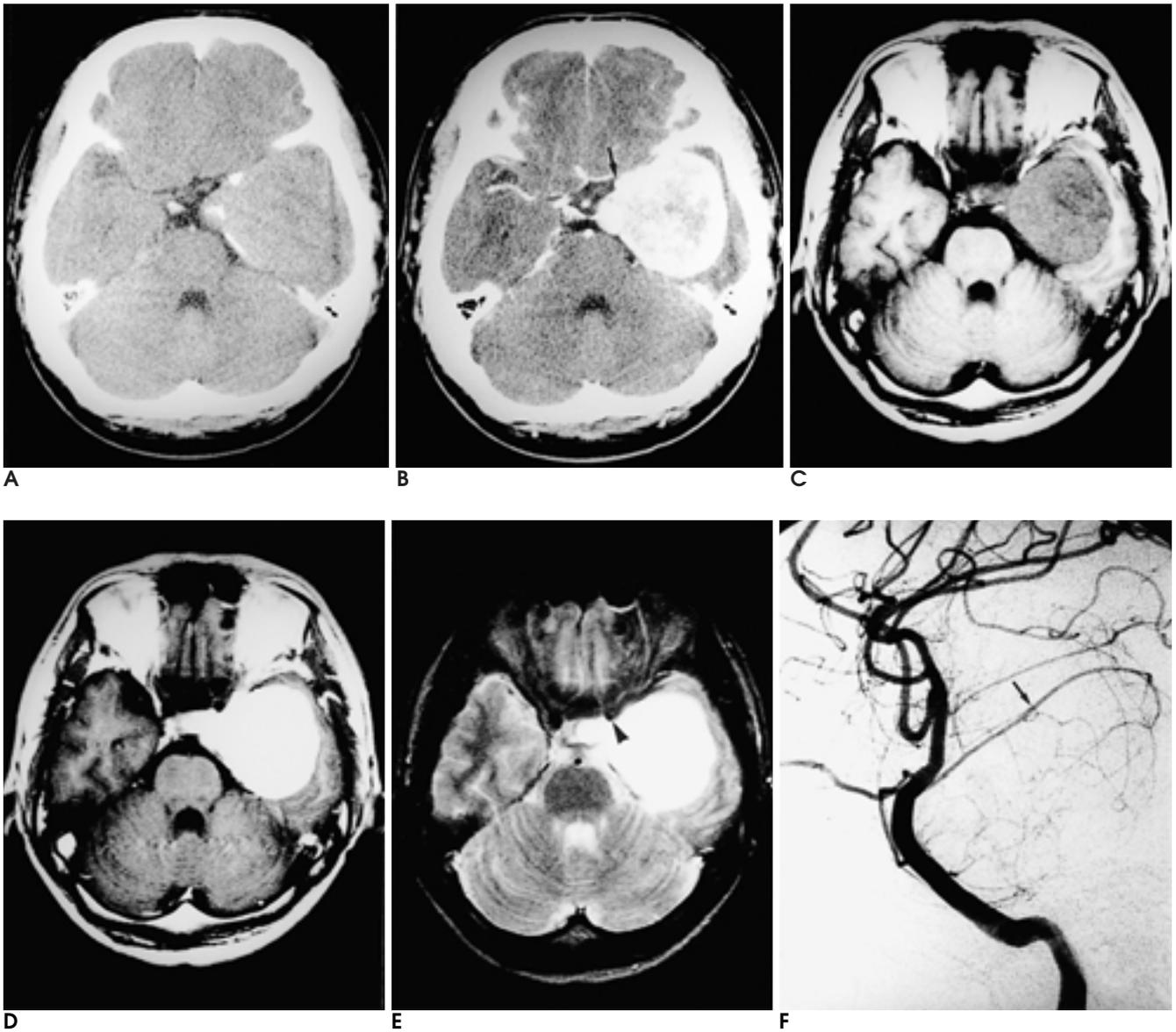


Fig. 1. Cavernous hemangioma of the cavernous sinus in a 38-year-old man.

A. Precontrast CT scan shows slightly hyperdense mass in the left middle cranial fossa, extending to left cavernous sinus.

B. Postcontrast CT scan shows intense enhancement in the periphery and inhomogeneous enhancement in the center of the mass. Left internal carotid artery (ICA) is displaced anteromedially (small arrow).

C. On axial T1-weighted image, the mass is low signal intensity. Cortical buckling of left temporal lobe is also seen, representing extra-axial location.

D. On contrast enhanced T1-weighted axial image, the mass shows homogenous, intense enhancement.

E. On axial T2-weighted image, the mass is homogenous bright signal intensity. Cavernous portion of left ICA is displaced anteromedially (arrowhead).

F. On digital subtraction angiogram of left ICA, the mass is supplied by branches of dilated and displaced meningo-hypophyseal trunk (large arrow).

G. The histologic findings of cavernous angioma reveals variable shaped, large, thin-walled vessels with collagenized interstitial tissue (H & E stain, ×100).

가 . MR , 가
 (2-4), , Meckel's cave,
 (1, 5-
 7). 가 . T1-
 , T2-
 gadolinium
 가
 (late capillary stain-
 ing) . CT , T2- MR
 (2, 3, 6).
 Lombardi 가 (3): 1
 (endophytic) , 2)
 가 , 3)
 rior orbital fissure) , 4) (supe-
 (exophytic)
 (neuroendocrine dis-
 order)
 (superior orbital fissure syndrome)
 가
 가
 가
 VI III
 가
 CT MR
 (1-6). CT
 가
 (erosion)

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Cavernous Hemangioma of the Cavernous Sinus: A Case Report¹

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Intracranial extra-axial cavernous hemangioma of the cavernous sinus is a very rare vascular malformation. It usually appears as a round non-encapsulated mass with well-defined borders, mimicking meningioma. We describe a case of cavernous hemangioma of the cavernous sinus, including the radiologic imaging findings, and also review the literature.

Index words : Brain neoplasms
Brain, CT
Brain, MR

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