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1

CT MR

3-5

T2-
T1-

T2-

(1).

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(Fig. 2).

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1

CT MR

3).

(Fig.

42

가 1

0.2% - 1.8%

4-10

(1, 2).

CBC, BUN,

가

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4.3 x 2.3 cm

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가

(Fig. 1).

가

MRI

T1-

가

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(3). 가 20-30 가 4 , Gormley (5) 12 19

(4). Gormley (5) 32 Gormley

15 35 가 , (1, 4).
Gormley 42

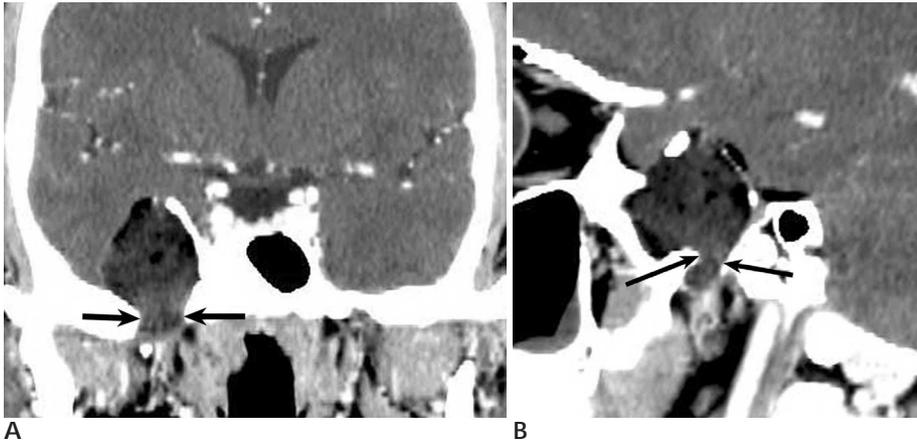


Fig. 1. CT of subdural dermoid cyst. **A, B.** Coronal and sagittal CT images show a well-defined hypodense mass with calcifications and fat density in the right middle cranial fossa. It extends into the right foramen ovale (arrows).

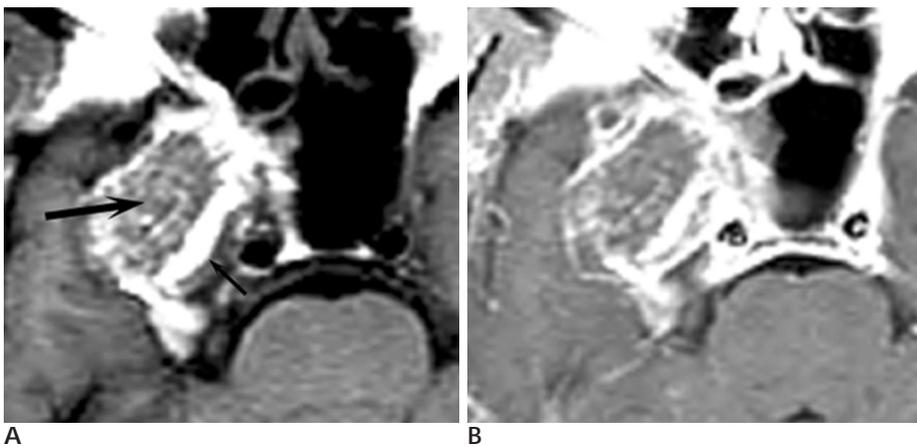
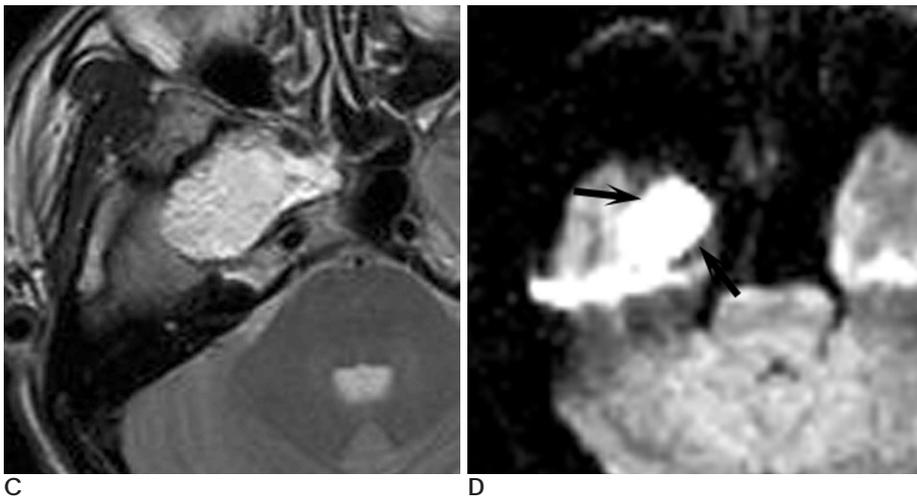
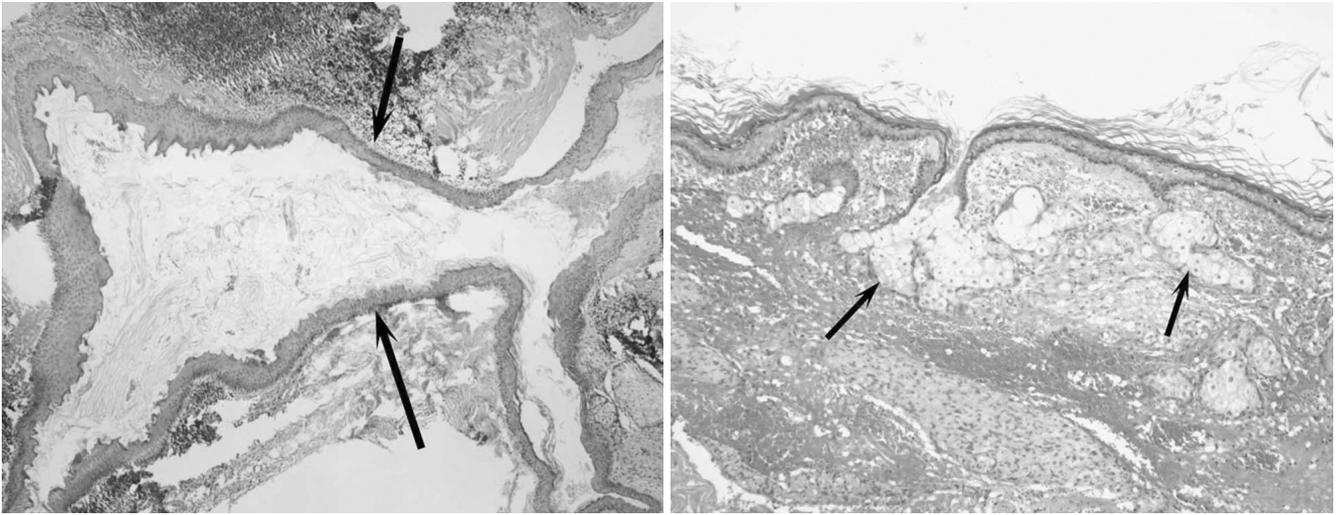


Fig. 2. MRI of subdural dermoid cyst. **A, B.** Axial T1-weighted image demonstrates a mass containing fat (high signal intensity: small arrow) and soft tissue components (intermediate signal intensity: large arrow) (**A**). The mass is not enhanced except the wall on axial contrast T1-weighted image (**B**). **C, D.** Axial T2-weighted image shows a mass with mixed intermediate and high signal intensities (**C**) and diffusion weighted image reveals high signal intensity of it (arrows) (**D**).





A
Fig. 3. Photomicrograph of subdural dermoid cyst.
A. (H & E, × 40) The cyst lined by squamous epithelium (arrows) has oily fluid with desquamated keratin debris.
B. (H & E, × 100) The cyst wall has the sebaceous glands (arrows).

(5).

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가 (1).

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(1, 4).

CT HU) 가 (-20 HU -120 가

, 20% 가

(1, 4, 5).

(6). MRI T1- 가 가

T2- 가

(1, 4). CT MRI 가

MRI 가 CT

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(1).

(8) Chen

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가 (4).

(1, 4).

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가 (1).

(9). 가
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(1, 4). 가
(10). 가
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가
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CT and MR Imaging Findings of Subdural Dermoid Cyst Extending into the Right Foramen Ovale: A Case Report¹

You-Cheol Jeong, M.D., Cheol-Min Park, M.D., Si-Kyeong Lee, M.D.

¹Department of Diagnostic Radiology, Seoul Medical Center

Intracranial dermoid cyst is a rare congenital benign disease, representing less than 0.5% of primary brain tumors. Nevertheless, if ruptured spontaneously or during surgery, it has a poor prognosis due to chemical meningitis. Therefore, it is essential to perform accurate diagnosis and proper treatment. We report an intracranial subdural dermoid cyst that may be misdiagnosed as extracranial or epidural lesion because of extension into the right foramen ovale, and describe the CT and MR imaging findings.

Index words : Dermoid
Cyst
Brain, cysts
Brain neoplasms
Brain, CT
Brain, MR

Address reprint requests to : Cheol-Min Park, M.D., Department of Diagnostic Radiology, Seoul Medical Center
171-1 Samsung-Dong, Kangnam-Gu, Seoul 135-090 Korea
Tel. 82-2-3430-0384 Fax. 82-2-564-2960 E-mail: cheolmin@hanafos.com