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(Rhino - Orbital - Cerebral Mucormycosis) 2

=Abstract=

**Rhino-Orbital-Cerebral Mucormycosis**  
**- 2 case reports -**

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Rhino-orbital-cerebral mucormycosis is a very rare, but mostly fatal infection and is usually found in diabetic or immunocompromised hosts. It has a characteristic rapid progression, so we pay close attention to patients who have symptoms associated with rhino-orbital-cerebral mucormycosis. The symptoms due to rhino-orbital-cerebral mucormycosis are fever, ulceration or necrosis in nasal cavity, edema of the periorbital area or face, decreased visual acuity, headache, decreased mentality, etc. Because of the rapid progression and high mortality rate, close attention is needed in patients who complained such symptoms and signs. We experienced two cases of rhino-orbital-cerebral mucormycosis which had a poor prognosis, and we report them here.

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**Key Words:** Rhino-orbital-cerebral mucormycosis, Immunocompromised host

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Cefotaxime, Amikacin, Dexamethasone

21 10

gadolinium

( 1-1)

T2 weighted and diffusion images

( 1-2)

가

( 2).

Amphotericin B 5mg Metronidazole

1500 mg

. Amphotericin B

Amphotericin B 40 mg

가

babinski sign

가 . 9



2.

Amphotericin B 50 mg

가

가

가 가

가 ( 3-1, 3-2). 15

Amphotericin B 100 mg

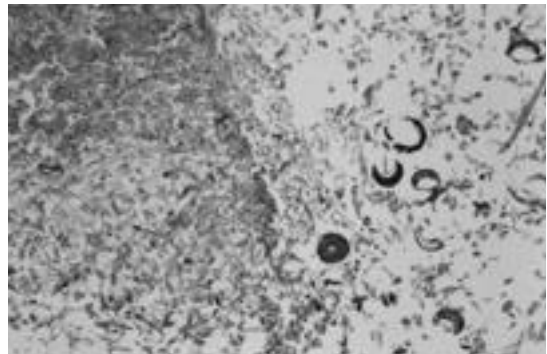
가( 4)

가

24

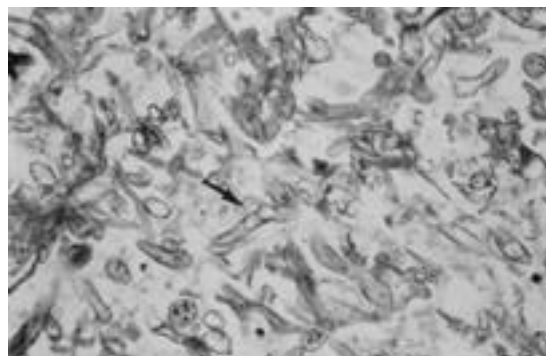
Amphotericin B 22 1,625

mg



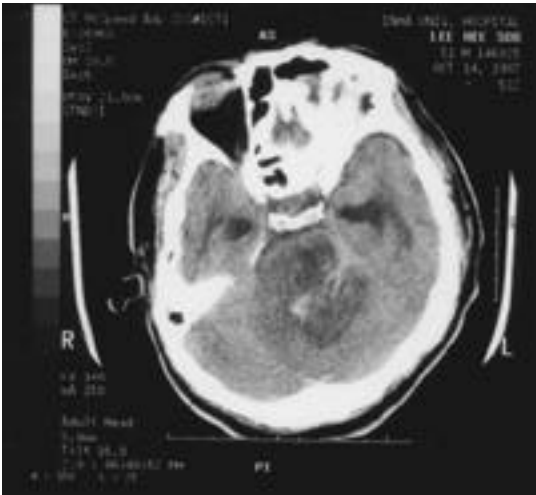
3-1.

( ×



3-2.

( ×



4. 가

2

7 52 7

15,000/mL( 90.7%),  
50 mm/hr, 365 mg/dL, HbA1C  
12.7%

가

190 mmHg, 100 mmHg,  
130 Ceftriaxone,  
Ampicillin, Amikacin  
113 mg/dl

Mucormycosis

7 20 . KOH  
가 Amphotericin B 50 mg 가

3 가

4  
가 가 7  
Ampho-tericin B 60 mg  
가 3  
gadoli-nium  
T2 weighted image diffusion  
image high signal  
intensity 14 Amphotericin  
B 90 mg

34 4 가  
38 Amphotericin B 2,950  
mg , 52

77 Amphotericin B 60 mg  
184 Amphotericin B  
3440 mg  
Amphotericin B 287  
144 Ampho-tericin B(  
6390 mg)

III.

Zygomycetes , Mucorales ,  
Mucoraceae Rhizopus, Mucor,  
Absidia

Mortierellaceae , Cunninghamellaceae ,  
Saksenaeeaceae Syncephalastraceae

1:1  
가

(35%), (44%),  
(30%), (29%), (25%),  
(22%) 가

가  
proton density weighted and T-  
2 weighted images  
hyperintense 가

1).  
Mucorales 가  
1). hematoxylin-  
eosin, Gomori methenamine silver, periodic acid  
Schiff , 10 20% pota-  
ssium hydroxide 1).

Amphotericin B가 1,3) 가  
4), Amphotericin B  
5), Amphotericin B  
fluconazole 6)

Yohai 60% ,  
가 (77%)  
(34%)  
19%  
67%

가  
가

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