



7 . 3D CTA MRA가 . 가 3 . 6  
 1  
 . 7 . 6  
 가 . Hunt - Hess II가 3 , III가 2 , IV가 1  
 가 . (Table 1).  
 Hunt - Hess 가 ,  
 Glasgow Outcome Scale 가 .  
 6 48 ( 24.8 )

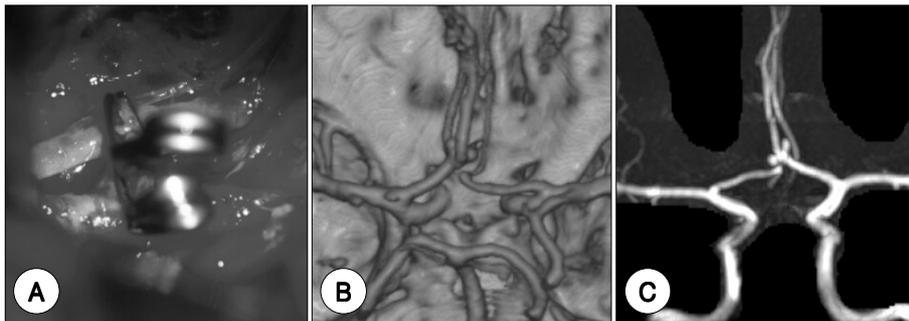
2. Diagnostic methods  
 7 DSA 5  
 가 , 2  
 가 . 2 3D CTA가  
 가 .  
 MRA 가  
 . 5 2 가 2  
 3 가 .

**결 과**

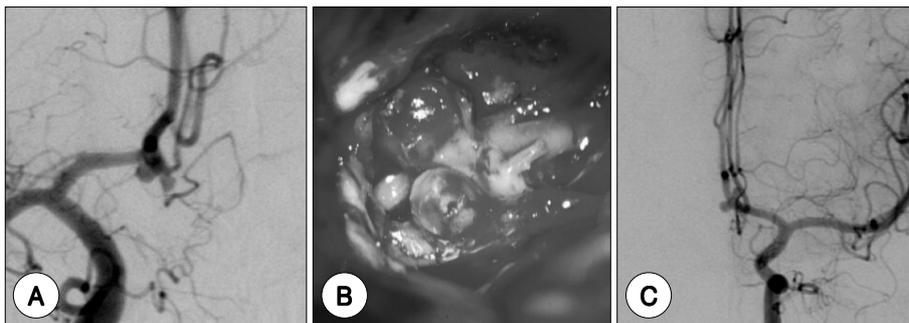
1. Age, sex, clinical presentation  
 134 7 가  
 38 66 가 4 ,

**Table 1.** Characteristics of 7 patients with multiple ACoA aneurysms

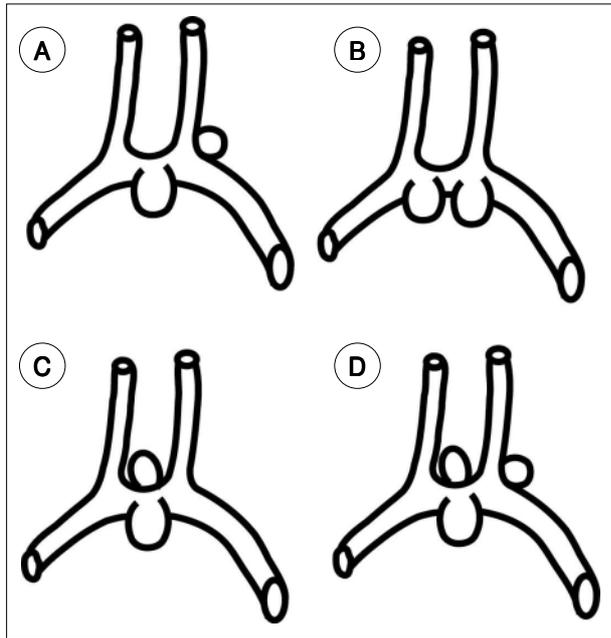
Case No.	age	sex	HH grade	Fisher grade	No. of aneurysms	Size of ruptured aneurysm	Size of unruptured aneurysm	GOS score
1	38	M	0	1	2		3 × 4 mm, 3 × 4 mm	G
2	50	M	2	4	2	5 × 4 mm	5 × 4 mm	G
3	52	F	3	3	2	10 × 6 mm	6 × 4 mm	G
4	66	F	4	4	2	8 × 5 mm	4 × 3 mm	F
5	53	F	2	3	2	5 × 4 mm	3 × 3 mm	G
6	39	M	2	3	3	7 × 4 mm	3 × 3 mm, 3 × 3 mm	G
7	60	M	3	3	3	5 × 3 mm	3 × 3 mm, 3 × 3 mm	G



**Fig. 1.** Case1. A : preoperative MRA demonstrating a multiple aneurysm on ACoA. B : preoperative 3D CTA. C : preoperative DSA revealing two separate aneurysms on the ACoA.



**Fig. 2.** Case2. A : preoperative DSA, oblique view, demonstrating double aneurysms on the ACoA. B : Intraoperative photograph showing two ACoA aneurysms. C : Two separate aneurysms was occluded.



**Fig. 3.** Projection of aneurysms. A : antero-inferior projection and postero-lateral projection, B : antero-inferior projection, C : antero-inferior projection and postero-superior projection, D : multiple direction.

2 가  
(Fig. 3).

### 3. Clipping

6 가  
A2 가 가

### 4. Outcome

가 1  
Glasgow Outcome  
Scale good 6, fair 1 (Table1).

### 토 론

14~33% 가 가  
45% 가 가  
2)5)6)11) 가 가  
MRA, 3D CTA

가

가  
7-9)  
Yasargil 가 375  
19 (5.1%) 가 2  
가 19)  
1)7-9)14)  
가  
가  
가  
1)8)9)12)14) 가  
DSA 가 7  
4 가 DSA  
가 가  
가  
DSA CTA 3D DSA  
가  
CTA, 3D DSA  
가  
가  
가  
가  
CT clot  
5)17)18) 가  
가  
가  
clot  
가

가

평 평

DSA, 3D CTA

bilobular

가

가

중심 단어 :

### REFERENCES

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