



1

1

1

2

(proximal clipping), (wrapping), (trapping)  
가

가

1977 Younas (1) 가

22 가

28%, 3.2%

(2).

(intradural segment) 가  
(posteroinferior cerebellar artery)

(Fig. 1).

(3),

26

(intimal flap)

가

(Fig. 2).

(4, 5).

(hypoplasia)

47

(true lumen)

가 (false lumen)

가

가

7F (sheath)

, 6F (envoy guiding catheter)

(foraminal segment)

(true lumen) 가

(false lumen)

가 가

(LAO 30

, caudal 10 )

road - mapping

Excel 14

Transend 14

(exchange micro

guidewire)

, AVE S670 4 mm×24 mm

AVE S670 4 mm×18 mm

(Fig. 3A).

Prowler 10

Transend 10

가

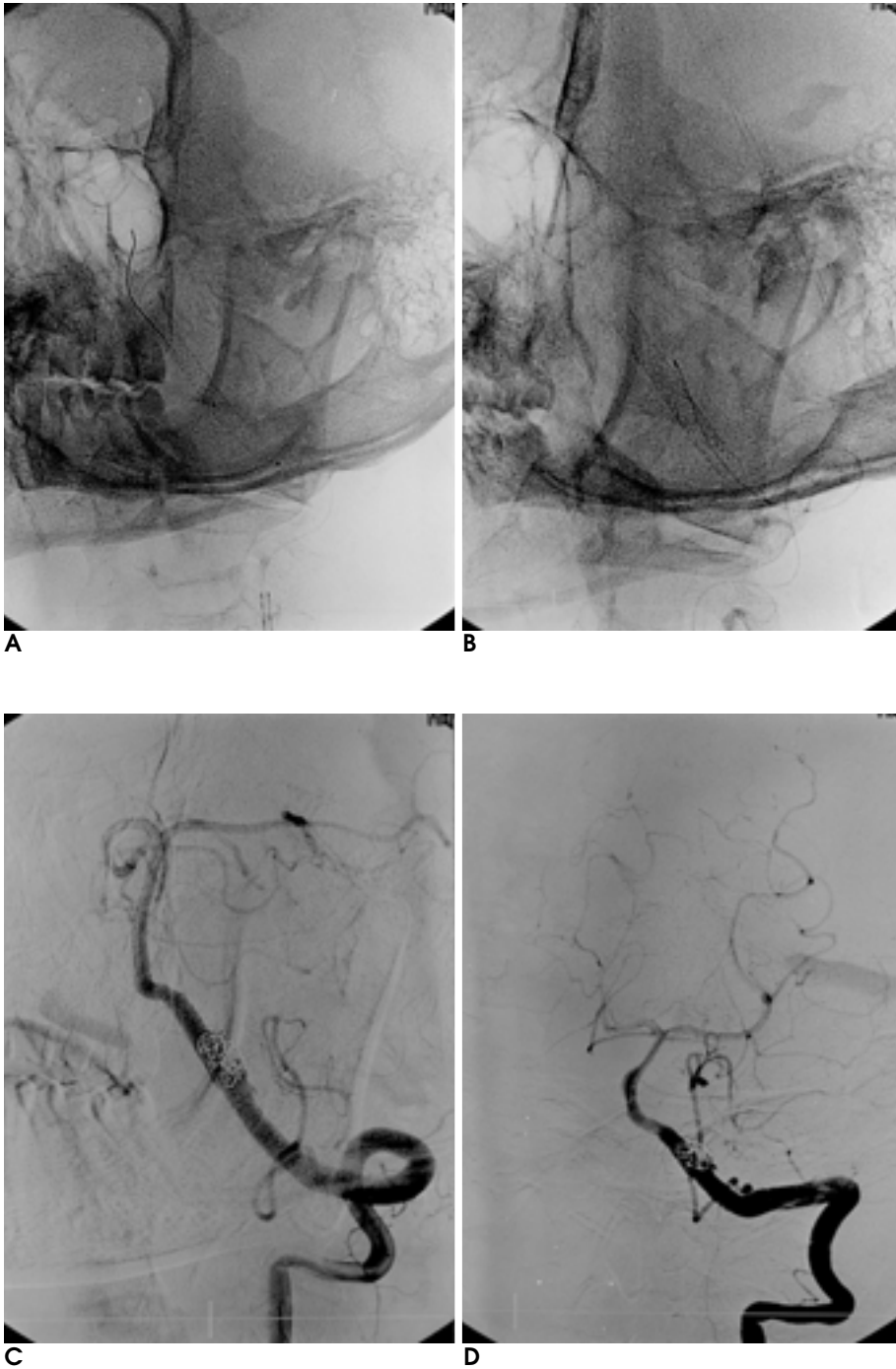
1

2

2001 8 21

2001 10 29





**Fig. 3.** Endovascular treatment using stents and coils performed at admission day 30.

**A.** Using AVE S670 (4 mm × 24 mm, 4 mm × 18 mm) stents, we covered entry and reentry point of dissecting aneurysm.

**B.** The false lumen of dissecting aneurysm was superselected via entry point using Prowler 10 microcatheter and Transend 10 micro guidewire.

**C.** After GDC-10 coils (2D 5 mm × 15 cm × 2, soft 4 mm × 10 cm, 3 mm × 6 cm), angiogram oblique view shows nearly complete embolization of false lumen of dissecting aneurysm and good patency of true lumen.

**D.** Final left vertebral angiogram AP view reveals no evidence of vessel loss in intracranial vessels.

(thyrocervical trunk)

(3).

(artificial neck)

가 . ,

가 .

1994 Geremia (7)

, 1995

가

(8). 1998 Lylyk (9)

5). ,

가

가 .

가

, ,

가

road - mapping

(3).

(perforator)

(8).

aspirin ticlopidine

가

가

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## Stent Assisted Coil Embolization of a Dissecting Aneurysm of the Vertebral Artery: A Case Involving a Patient with Hypoplasia of the Contralateral Vertebral Artery<sup>1</sup>

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A dissecting aneurysm of the vertebral artery may be treated conservatively, surgically, or using an endovascular approach. Proximal clipping, wrapping or trapping are surgical treatment methods, and endovascular treatment with coils and balloons is performed where a dissecting aneurysm is located near the midline or the appropriate surgical manipulation is difficult.

As the contralateral vertebral artery of this patient was hypoplastic, the stent-assisted coil embolization technique was employed to preserve the ipsilateral vertebral artery. We describe a clinical case of dissecting aneurysm of the vertebral artery occurring in a patient in whom a hypoplastic contralateral vertebral artery was successfully treated.

**Index words :** Aneurysm, cerebral  
Aneurysm, therapy  
Interventional procedures, technology

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