

외경동맥영역에 발생한 재발성 동정맥 누공의 경정맥 색전술을 이용한 치험 1예

전희석 · 윤용주 · 오정기 · 김진성

A Case of Therapeutic Percutaneous Transvenous Embolization of Recurrent Arteriovenous Fistulas Involving the Branches of the Left External Carotid Artery

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—ABSTRACT—

Arteriovenous fistulas of head and neck, especially those of the external carotid artery are uncommon lesions usually of traumatic origin. They also may be spontaneous, inflammatory, or congenital origin. They may be accompanied by symptoms and signs such as pulsatile tinnitus, pulsatile mass, palpable thrills and machine-like bruits. Recently, we experienced a case of spontaneous arteriovenous fistulas of external carotid artery with pulsating tinnitus, treated by transarterial coil embolization. But Arteriovenous fistulas were recurred, so we reembolized fistulas with coil by transvenous approach successfully. Therefore we report this case with literatures review. (J Clinical Otolaryngol 2005;16:171-174)

KEY WORDS : Pulsatile tinnitus · Arteriovenous fistulas · Transvenous approach.

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coil 1 , 4×3 mm coil 2 , 3×2 mm
 coil 1 , 3×2 mm coil 2 ,
 3×2 mm coil 3 , 3×2 mm

증례

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A , 15 dB

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Head haunter catheter

(Fig. 1).

Microferret catheter

3×2 mm coil 4 , 5×2 mm

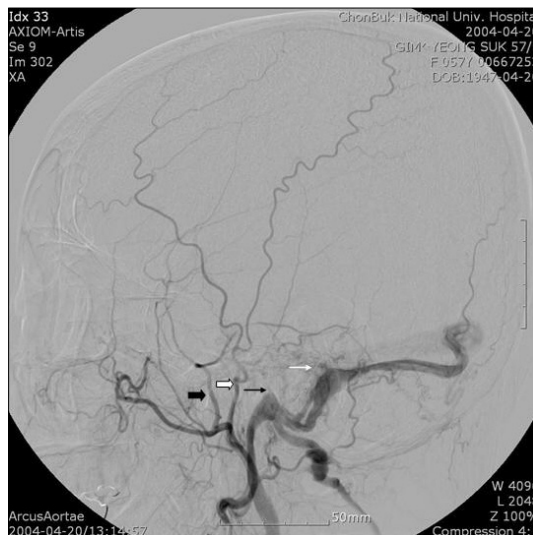


Fig. 1. The external carotid angiogram showed arteriovenous fistula in left postauricular area (white thin arrow) which arose from left occipital artery, left middle meningeal artery (black thick arrow), left superficial temporal artery (white thick arrow), left anterior auricular artery, left posterior auricular artery and drained into the left internal jugular vein (black thin arrow).

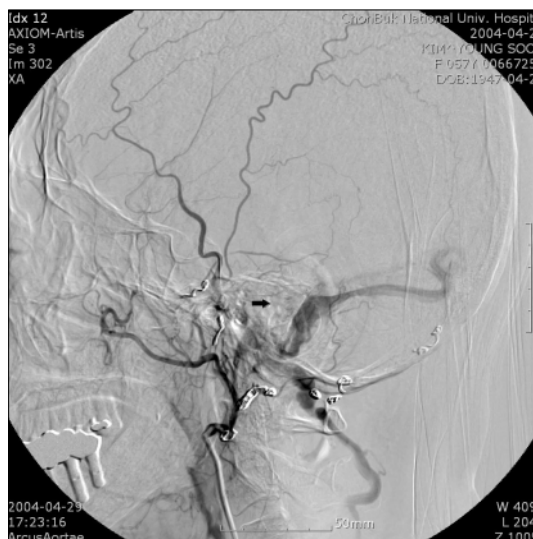


Fig. 2. The left external carotid angiogram after transcatheter coil embolization showed decreased arteriovenous fistulas (arrow) drained left internal jugular vein.

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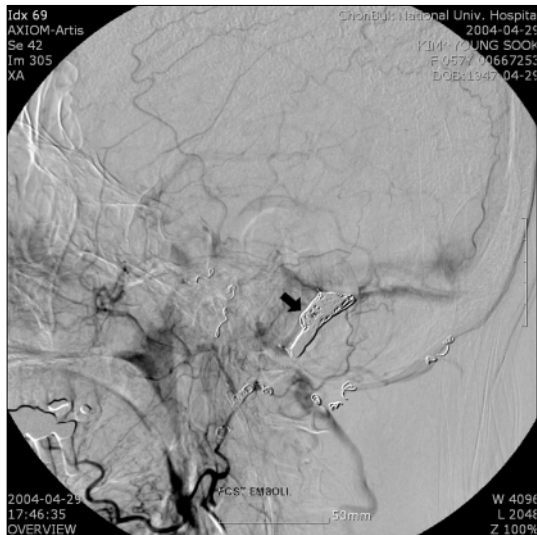


Fig. 3. Left external carotid angiogram immediately after transvenous embolization with platinum coils (arrow) showed complete obliteration of dural arteriovenous fistula.

coil 1 (Fig. 2).

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coil 10 mm/30 cm 3 , 6 mm/15 cm 3 , 4 mm/25 cm 3 , 6 mm/25 cm 1 , Tornado coil 7×2 mm coil 1 (Fig. 3).

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중심 단어 :

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