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A case of pediatric intracranial dissecting aneurysm: treatment with clipping and angioplasty, and next-generation sequencing analysis

Sun N *et al.* A case of pediatric intracranial dissecting aneurysm

Ning Sun, Xin-Yu Yang, Yan Zhao, Qing-Jiang Zhang, Xiao Ma, Zhong-Nan

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In patients without a history of SAH and an **aneurysm** involving the internal carotid artery, anterior communicating or anterior **cerebral** artery, or middle **cerebral** artery, rupture rates were 0%, 2.6%, 14.5%, and 40%, respectively, for **aneurysms** less than 7 mm, 7–12 mm, 13–24 mm, and 25 mm or greater.

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Further **next-generation sequencing** studies are needed to identify a causative gene in families with **intracranial aneurysms** as the only clinical finding. Patients with FIA are at increased risk for **aneurysm**

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A 16% incidence of new **aneurysm** formation was shown in 610 patients followed over 15 years after surgical **clipping** of a ruptured **aneurysm** . Also, in partially clipped, previously ruptured aneurysms, the surgical **literature** reports repeat SAH rates of 71–79% within a mean of ...

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Author: Lotfi Hacein-Bey, James M. Provenzale

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At 455 days, at least 1 target **aneurysm** recurrence event had occurred in 14.6% of patients treated with bare metal coils and 13.3% of Matrix(2) (P = .76, log-rank test) patients; 92.8% of target ...

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Sep 01, 2012 · BACKGROUND AND PURPOSE: Flow-diverting devices now offer a new **treatment** alternative for cerebral aneurysms. We present the results of a large single-center series of patients treated with the PED, including long-term follow-up. MATERIALS AND METHODS: Between November 2008 and September 2011, sidewall aneurysms with a wide neck (>4 mm) or unfavorable dome-neck