

Delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage pathogenesis

The phenomenon of [delayed cerebral ischemia](#) (DCI) is yet not fully understood and the correlation of [angiographic vasospasm](#) and [cerebral infarction](#) is still unclear.

Little is known about the role of [epigenetics](#) in DCI pathogenesis.

[Platelet activation](#) has been postulated to be involved in the pathogenesis of [delayed cerebral ischemia](#) (DCI) and [cerebral vasospasm](#) (CVS) after [aneurysmal subarachnoid hemorrhage](#) (aSAH).

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It is a rare complication following [epilepsy surgery](#).

Dickerson et al., from the Department of Neurosurgery, University of [Mississippi](#) Medical Center, [Jackson, USA](#) report the third known case and first of diffuse [vasospasm](#). A 48-year-old woman underwent a transcortical anterior left [temporal lobectomy](#). Eleven days later, she had new-onset expressive [aphasia](#) with narrowing of the anterior, middle, and posterior cerebral arteries, and increased velocities via [transcranial Doppler](#). She was treated with fluids, [nimodipine](#), and permissive [hypertension](#). At 6 months, her speech was near baseline. Cerebral vasospasm may represent a rare cause of morbidity after anterior temporal lobectomy; a literature review on the subject is presented

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Dickerson JC, Hidalgo JA, Smalley ZS, Shiflett JM. Diffuse vasospasm after transcortical temporal lobectomy for intractable epilepsy. Acta Neurochir (Wien). 2018 Jul 10. doi: 10.1007/s00701-018-3606-9. [Epub ahead of print] PubMed PMID: 29987392.

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