

# Coil

Coil variations include bare platinum, polymer coated (Matrix), and [hydrogel coated coil](#) (HydroCoil) coils.

In [aneurysms](#) Matrix coils were most likely to need retreatment. Retreatment rates were comparable for bare platinum and HydroCoils. Follow-up angiography demonstrated statistically significant attenuation of residual aneurysms for HydroCoils. Matrix group had the greatest and HydroCoils the least tendency to recanalize. Factors other than coil surface-coating may attenuate aneurysm recurrence <sup>1)</sup>.

## History

see [Coil history](#)

See [Coiling](#).

See [Coil migration](#).

See [Coil price](#)

See [Stent assisted coiling](#)

<sup>1)</sup>

Khan SH, Nichols C, Depowell JJ, Abruzzo TA, Ringer AJ. Comparison of coil types in aneurysm recurrence. Clin Neurol Neurosurg. 2012 Jan;114(1):12-6. doi: 10.1016/j.clineuro.2011.07.017. Epub 2011 Aug 20. PubMed PMID: 21862207.

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