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Enhanced CT View of Contrast Extravasation in a Patient with an Actively Bleeding Aneurysm

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A 54-year-old woman presented a non-traumatic subarachnoid hemorrhage. Enhanced CT revealed an actively bleeding aneurysm of the left carotid artery. Contrast extravasation was found into the basal cisterns, the intracerebral hemorrhage and

the subdural hematoma. The patterns of contrast extravasation might help to elucidate the formation of subdural hematoma by suggesting a hemorrhage under high pressure rather than aneurysm fixation by arachnoid adhesions [1] due to widespread contrast dissemination.

Reference

- 1 Koerbel A, Ernemann U, Freudenstein D: Acute subdural hematoma without subarachnoid hemorrhage caused by rupture of an internal carotid artery bifurcation aneurysm: case report and review of the literature. *Br J Radiol* 2005;78:646–650.

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