

# GIANT ANEURYSM OF BASILAR SYSTEM AS INCIDENTAL AUTOPSY FINDING

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We presented two cases of giant intracranial aneurysm of basilar artery. Such aneurysms could cause symptoms of vertebrobasilar insufficiency or rupture. In the first case, a saccular aneurysm (35x25x15mm) of the basilar artery was found. Up to 8mm thick organized mural thrombus was found on the left part of aneurism. Additionally, left vertebral artery was enlarged in form of a fusiform aneurysm (8mm in diameter, 40mm in length), encompassing the confluence with the right vertebral artery. Both aneurysms compressed right side of the pons, making an impression on its ventral surface. In the second case, a dolichoectatic atherosclerotic fusiform aneurysm, measuring 40mm in length up to 20mm in diameter, replaced the entire basilar artery, encompassing the left vertebral artery for another 50mm. In both cases, the right vertebral artery was thin and without significant pathological changes. In both cases, aneurysms were an incidental finding, unrelated to the cause of death.

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