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### **Ruptured Carotid Aneurysm - A Fatal Case Report**

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### **Abstract**

An aneurysm is a ballooning or dilation of a blood vessel to more than 150% of its normal size, which is generally caused by damage to the lining of the blood vessel wall. Aneurysms of the extracranial carotid arteries are uncommon vascular lesions. The most common artery to develop an aneurysm is the aorta, followed by the iliac artery, femoral artery, and popliteal artery. Less commonly, aneurysms can develop in the carotid, subclavian, renal, and mesenteric arteries. A carotid artery aneurysm is a bulge in one of the arteries supplying blood to your brain and nearby structures. Atherosclerosis is a common cause. Most people have no acute symptoms but chronic condition lead to fatal . A carotid artery aneurysm may lead to a TIA (mini stroke) or stroke or sudden rupture of the vessels . Stroke is the most frequent complication and the possibility of rupture is only rarely considered. Rupture of a nontraumatic, uninfected carotid aneurysm is an exceedingly rare event, with only a handful of cases documented in the world literature, most of which presented as an acute, life-threatening emergency. The present case report is that person was found dead inside a hotel room in a suspicious manner, with no obvious external findings , later found to be abnormal heart findings with rupture of great vessel due to aneurysm. It has been presented considering the rare incidence of the cases , keeping in mind that these undiagnosed aneurysm can cause sudden death in a healthy individual .

**Keywords:** aneurysm, carotid artery, rupture, sudden death.