

Giant Unruptured Internal Carotid Artery Aneurysm

70-year-old man who presented with a three-month history of headache with visual disturbances. He reported that this was the first time he experienced such a headache. The patient had a longstanding history of hypertension, diabetes mellitus, dyslipidemia, and ischemic heart disease. He was a heavy smoker with a 35 pack-years smoking history. In view of the clinical signs and symptoms, the patient underwent a computed tomography scan that revealed a right internal carotid artery aneurysm. For better evaluation, magnetic resonance imaging of the brain was performed and re-demonstrated the saccular aneurysm of the terminal part of the right internal carotid artery aneurysm, measuring 48 x 37 x 31 mm and partially thrombosed with a surrounding mural hematoma. The neck of the aneurysm measured 4 mm. The decision for surgical management was planned. The patient underwent craniotomy with surgical clipping of the aneurysm. No complications occurred during the operation. The patient had an uneventful recovery. Elderly patients with chronic headaches should be carefully evaluated for secondary headaches. A giant cerebral artery aneurysm is an uncommon etiology of secondary headache that needs prompt diagnosis and management ¹⁾

¹⁾

Gohal SO, Alally AA, Alhonaizil AI, Alabdulwahab AA, Alzahrany KS, Alomari MA, Alshunaibir FA, Alsalman MA, Alhamyani NM, Alamri HM, Alharbi AA, Alabood AJ, Alshahrani FS, Al Amer AM, Al-Hawaj F. Giant Unruptured Internal Carotid Artery Aneurysm. Cureus. 2021 Dec 15;13(12):e20423. doi: 10.7759/cureus.20423. PMID: 35047262; PMCID: PMC8758979.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=giant_unruptured_internal_carotid_artery_aneurysm

Last update: **2024/06/07 03:00**

