Dural arteriovenous fistulas (DAVFs) are rare lesions. The most common locations of DAVFs are cavernous, sigmoid and transverse sinuses. Anterior cranial fossa is one of the less frequent placement for DAVFs and the risk of hemorrhage in this region is increased. Reported hemorrhage risks have been ranged from 62 to 91 %, and an aggressive clinical course is more likely than a benign clinical course. A 47-year-old man was admitted to our emergency room with headache and the computed tomography revealed frontal hemorrhage. Neurological examination was normal. We applied cerebral angiography in our interventional neurology department and an anterior cranial fossa DAVFs, supplied by bilateral ophthalmic-ethmoidal arteries, was determined. DAVFs are a rare cause of intracranial hemorrhages and in the literature anterior cranial fossa DAVFs have been reported scarcely, so that we aimed to present this rare entity.