

Aneurysms of the superficial temporal artery (STA) are a rare and potentially critical cause of facial masses. Usually, these aneurysms are Pseudoaneurysm and occur following blunt or penetrating trauma to the head or following surgery in the temporal region. Most cases (about 75%) are the result of blunt head injury. Only 11 cases of spontaneous aneurysms were reported. These aneurysms are assumed to have been congenital or arteriosclerotic. Pseudoaneurysm has occurred mainly in the anterior branch of the STA. The first case of a STA Pseudoaneurysm was described by Thomas Bertholin in 1740 and since then about 400 cases have been published in the literatures. I present two cases of traumatic pseudoaneurysm of the STA and I discuss pertinent diagnosis and treatment options, as well as provide a brief review of the anatomy

and histopathology of pseudoaneurysms.