

IMAGES

Temporary arteriovenous fistula due to trauma*Fístula arteriovenosa temporal de origen traumático*

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A 61-year-old patient who suffered trauma with a paddle in the right temporal region without a head injury or loss of consciousness. Four months later, he consulted the emergency department because he perceived a pulsating ringing in his right ear, which had progressed in intensity and made sleep difficult. The examination showed a marked dilation of the right frontotemporal venous circulation where, in addition, thrill was felt and a continuous, pulsating murmur was heard. Given

the pulsatile tinnitus clinic and the findings of the physical examination, an arteriography was performed that showed an arteriovenous fistula with main input from the frontal branch of the superficial temporal artery, which recruited secondary input from distal branches of the contralateral superficial temporal artery. Under general anaesthesia, the foot of the vein was catheterised and 1 ml of n-butyl cyanoacrylate was injected, with complete closure of the fistula.

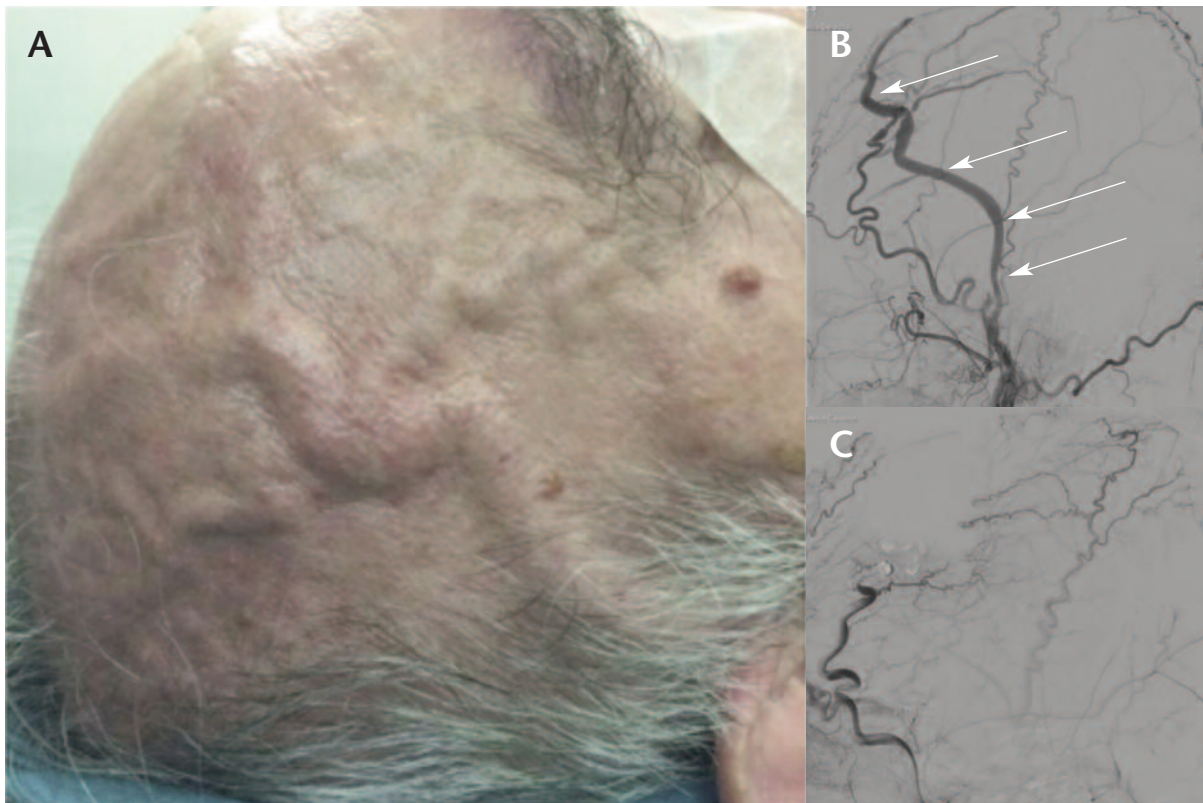


Figure 1. A. Dilation of the right frontotemporal venous circulation. B. Arteriography showing the arteriovenous fistula with main input from the frontal branch of the superficial temporal artery (arrows). C. After arterial embolization, fistula closure is checked.

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Information about the article: Received: 13-10-2017. Accepted: 31-10-2017. Online: 6-3-2018.

Conflicting interests: The authors declare no conflict of interest in relation to this article.

Financing: The authors declare the non-existence of external financing of this article.

Contribution of the authors, financing and ethical responsibilities: All authors have confirmed the maintenance of confidentiality and respect for the rights of patients in the author's responsibility document, publication agreement and assignment of rights to EMERGENCIAS.

Informed consent was obtained from participants for publication of their personal information.

Article not commissioned by the Editorial Committee and with external peer review

Editor in charge: Aitor Alquézar, MD, PhD.