

Vertebral artery Arteriovenous Fistula

Vertebral artery arteriovenous fistula (AVF), a **complication** of **iatrogenic vertebral artery injury** (VAI), is a rare but serious complication of **upper cervical spine** fixation surgery.

Qian et al., report a case of a 59-year-old female patient who had a vertebral AVF following transpedicular occipitocervical fixation surgery. Endovascular embolization of the AVF was successfully performed using ethylene vinyl alcohol. From this case they learned that preoperative evaluation of the course of the **vertebral artery** is necessary, and vertebral artery embolism is an effective and safe method to treat vertebral AVF after proof of a patent second vertebral artery ¹⁾.

¹⁾

Qian R, Li Z, Li M. Vertebral Arteriovenous Fistula: A Rare Complication Following Transpedicular Occipitocervical Fixation in a Patient with Atlantoaxial Dislocation. J Neurol Surg A Cent Eur Neurosurg. 2018 Jul 2. doi: 10.1055/s-0038-1655771. [Epub ahead of print] PubMed PMID: 29966140.

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