

An unusual iatrogenic cervical arteriovenous fistula: treatment of a rare vascular complication

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Received: July 29, 2015 Accepted: November 16, 2015 Published online: March 03, 2016

Cervical arteriovenous fistulas may be rarely seen as complications of venous catheterization due to cardiac operations.^[1,2] A 22-year-old girl underwent coronary artery bypass grafting due to a single-coronary artery-related coronary stenosis. On one month follow-up, there was a thrill on the anterior right cervical area. Computed tomography angiography revealed fistulization between the right proximal vertebral artery and right internal jugular vein, which probably resulted from jugular venous catheterization (Figure 1). We closed the fistula by inserting a stent into the vertebral artery. Postoperative computed

tomography angiography revealed no fistula (Figure 2). Percutaneous interventions and surgical procedures are available for the closure of arteriovenous fistulas.

Declaration of conflicting interests

The authors declared no conflicts of interest with respect to the authorship and/or publication of this article.

Funding

The authors received no financial support for the research and/or authorship of this article.



Figure 1. The black arrow showing the vertebral artery and the white arrow showing the internal jugular vein.

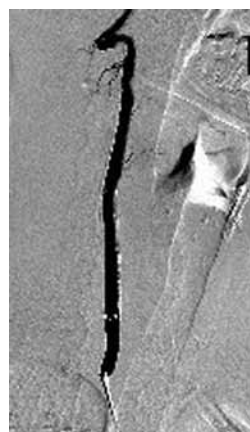


Figure 2. Postoperative computed tomography angiography showing no fistulization.

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