



We present a patient with an acute ischemic stroke from an inadvertently placed CVC into the right common carotid artery” Katyal et al (2018).

Abstract:

Central venous catheter (CVC) insertion is extensively utilized in Intensive Care Units for evaluation of hemodynamic status, administration of intravenous drugs, and for providing nutritional support in critically ill patients. Unfortunately, CVC use is associated with complications including lung injury, bleeding, infection, and thrombosis. We present a patient with an acute ischemic stroke from an inadvertently placed CVC into the right common carotid artery. A 57-year-old male presented to our institution for left hemiplegia and seizures 2 days after a CVC was placed. He was found to have a right frontal ischemic stroke on computed tomography (CT). CT angiography noted that the catheter was arterial and had a thrombosis around it. He was started on a low-dose heparin infusion. A combination of cardiothoracic surgery and interventional cardiology was required to safely remove the catheter. Central arterial catheterization is an unusual cause for acute ischemic stroke and presents management challenges.

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Reference:

Katyal, N., Korzep, A. and Newey, C. (2018) Inadvertent Central Arterial Catheterization: An Unusual Cause of Ischemic Stroke. *Journal of Neurosciences in Rural Practice*. 29(1), p.155-158.

doi: 10.4103/jnpr.jnpr\_460\_17.

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