



Mechanical complications of central venous catheter insertion are well known, but folding of a large-bore catheter in the internal jugular vein has rarely been reported” Pyeon et al (2018).

Abstract:

Central venous catheters are used for various purposes in the operating room. Generally, the use of ultrasound to insert a central venous catheter is rapid and minimally complicated. An advanced venous access (AVA) catheter is used to gain access to the pulmonary artery and facilitate fluid resuscitation through the internal jugular vein. The present report describes a case in which ultrasound was used in a 43-year-old man to avoid complications during insertion of an AVA catheter with a relatively large diameter. The sheath of the catheter was so thin that a dilator was essential to prevent it from folding upon insertion. Despite the use of ultrasound guidance, the AVA catheter sheath became folded within the patient’s internal jugular vein. Mechanical complications of central venous catheter insertion are well known, but folding of a large-bore catheter in the internal jugular vein has rarely been reported.

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Reference:

Pyeon, T., Hwang, J.Y., Gong, H., Kwak, S.H. and Kim, J. (2018) Folded large-bore central catheter in the right internal jugular vein as shown by ultrasound: a case report. The Journal of International Medical Research. December 6th. .

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