We herein present a case of failure to place a tunneled hemodialysis catheter into the right IJV" Zhu et al (2018).

Abstract:

The right internal jugular vein (IJV) is an important access site for hemodialysis catheterization. Venous cannulation failure is usually caused by central venous stenosis and is rarely related to vessel malformation. We herein present a case of failure to place a tunneled hemodialysis catheter into the right IJV. The patient had an arteriovenous fistula in the right arm with inadequate flow and a history of multiple central venous catheterizations. The guidewire was repeatedly misplaced into the right subclavian vein (SV) regardless of the technique used. Computed tomography venography revealed that the inferior segment of the right IJV drained into the ipsilateral SV. To the best of our knowledge, this is the first report of catheterization failure due to abnormal drainage of the right IJV into the ipsilateral SV.

Reference:

Zhu, L.N., Mou, L.J., Ying-Hu, Wei, G.N. and Sun, J.F. (2018) Failure to place a tunneled hemodialysis catheter due to malformation of right internal jugular vein draining to subclavian vein. The Journal of International Medical Research. January 1st. .

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