



The present study reports on a case of a 64-year-old female who developed massive hemothorax and hemorrhagic shock after long-term dialysis due to central venous perforation during placement of the central venous catheter” Zhou et al (2019).

Abstract:

Central venous catheter is one of the most commonly used vascular therapies in patients receiving hemodialysis and vascular perforation is a rare but serious complication. The present study reports on a case of a 64-year-old female who developed massive hemothorax and hemorrhagic shock after long-term dialysis due to central venous perforation during placement of the central venous catheter. This case was successfully managed by digital subtraction angiography-guided direct injection of coils and cyanoacrylate glue into the sinus tract. In addition, the literature regarding central venous perforation resulting from long-term dialysis catheters was reviewed, risk factors and prevention strategies were summarized and the advantages and disadvantages of various therapeutic approaches were compared.

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**Full Text**

Reference:

Zhou, C.Z., Liu, K.C., Wang, P., Ren, W. and Lv, W.F. (2019) Treatment of a central venous perforation caused by dialysis intubation using coils and cyanoacrylate glue: A case report. *Experimental and Therapeutic Medicine*. 18(4), p.2979-2983. doi: 10.3892/etm.2019.7923.

