

Peer Review File

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Comment 1: The CVC looks very long, which is much longer than ARROW CVC that is only 2--30 cm long. Why did the author use such a long CVC? For the purpose of infusion, short CVC is enough, while for the purpose of CVP measurement, it is suggested to use subclavicular catheter if the internal jugular vein is not available due to neck surgery.

Reply 1: Thank you for your suggestion. You have raised an important point. In our ICU, we use 60 cm long CVC when using femoral vein. According to the CVC handbook of our hospital, the depth of femoral catheter is about 40cm. In this case, the physicians who introduced CVC seemed not to know the appropriate depth of catheter. We didn't use a subclavicular catheter because the operator was concerned about venous stenosis and congestion.

Comment 2 : The catheter seems not cause clinical complications.

Reply 2: Thank you for your suggestion. We agree with you and have incorporated this suggestion throughout our paper.