

But even with proficient skills, subclavian vein catheterization guided by palpation of anatomical landmarks have a lower success rate and higher rate of complications” Xu and Zhang (2017).

The internal jugular vein, subclavian vein and femoral vein are the most commonly used insertion sites for central venous catheterization. A multicenter clinical trial compared these commonly insertion sites and reported that SCV use was associated with a reduced risk of the combined outcome of catheter-related bloodstream infection and symptomatic deep-vein thrombosis [1]. But even with proficient skills, subclavian vein catheterization guided by palpation of anatomical landmarks have a lower success rate and higher rate of complications.

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Reference:

Xu, F. and Zhang, L. (2017) A new landmark-guided subclavian vein catheterization. The American Journal of Emergency Medicine. August 14th. .

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