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Extract:

Response to augmentation maneuvers has been used to diagnose upper extremity thrombosis.[4],[5] Due to its relative simplicity, easy reproducibility, and fair accuracy to diagnose distal thrombus; incorporation of this technique into a routine check of CVC, should be feasible. In conclusion, the Valsalva augmentation in IJV diameter is a valuable test which should be incorporated in addition to the compressibility test, to rule out thrombosis before attempting IJV cannulation.

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Reference:

Patil, V.P., Bakshi, S.G. and Singh, H. (2019) Volume change following valsalva: A Valuable tool to be incorporated in the stepwise technique for central venous catheter placement under ultrasound guidance: An opinion. *Annals of Cardiac Anaesthesia*. 22(3), p.345-346. doi: 10.4103/aca.ACA_104_18.

