

## **We describe jugular vein access techniques and use the long-axis view as an alternative to the commonly employed short-axis cross-section view for internal jugular vein access and cannulation” Mahan et al (2017).**

### Abstract:

**BACKGROUND:** In modern practice, real-time ultrasound guidance is commonly employed for the placement of internal jugular vein catheters. With a new tool, such as ultrasound, comes the opportunity to refine and further optimize the ultrasound view during jugular vein catheterization. We describe jugular vein access techniques and use the long-axis view as an alternative to the commonly employed short-axis cross-section view for internal jugular vein access and cannulation.

**CONCLUSION:** The long-axis ultrasound-guided internal jugular vein approach for internal jugular vein cannulation is a useful alternative technique that can provide better needle tip and guidewire visualization than the more traditional short-axis ultrasound view.

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### Reference:

Mahan, A.F., McEvoy, M.D. and Gravenstein, N. (2017) Long-axis view for ultrasound-guided central venous catheter placement via the internal jugular vein. *Romanian Journal of Anaesthesia and Intensive Care*. 23(1), p.27-31.

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