

We demonstrated the feasibility and safety of US-guided CVC placements in an emergency setting” Lazzari et al (2017).

Abstract:

Introduction: Central venous catheterizations are common intraoperative procedures.

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Central venous catheter (CVC) placements are usually performed with patients lying in the supine position using real-time ultrasound (US) guidance.

Case description: A 43-year-old man underwent open right popliteal artery reconstruction in the prone position for a limb-threatening injury. Excessive continuous intraoperative bleeding, increased by a coexisting pelvic fracture, was temporarily stabilized by a T POD device, but with the need of external fixation, required the placement of CVC, which was not feasible whilst in the prone position without US help.

A view of the left internal jugular vein (IJV) was obtained with pediatric T probe and a CVC was placed using real-time US guidance, without complications.

Conclusions: We demonstrated the feasibility and safety of US-guided CVC placements in an emergency setting.

Reference:

Lazzari, A., Bini, R., Bertucci, R., Coletti, A. and Voghera, P. (2017) Ultrasound-guided intravenous catheter insertion in a prone patient using a T probe in emergency setting. The Journal of Vascular access. July 26th. .

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