

The ability to place a PICC in any critically ill, prone patient can expedite the administration of fluids and drugs by the critical care team and assist them in providing optimal care” Patrona-Aurand et al (2016).

Abstract:

Our hospital, a 220-bed, level-1 trauma center, sees an increase in patients with acute respiratory distress syndrome (ARDS) during the winter months. To maximize an ARDS patient’s lung capacity and improve mortality rates (which can be as high as 40%), it is common for a critically ill patient to remain intubated in a prone position until ventilation/perfusion rates improve.

ReTweet if useful... Patient positioning for PICC placement in critically ill ventilated patients [@ivteam #ivteam](http://ctt.ec/vs0QW+)

Click To Tweet

When central line access is needed, but the patient cannot tolerate staying supine for the procedure, it was hypothesized that a peripherally inserted central catheter (PICC) could be placed with the patient prone. Six patients received PICCs with a 100% success rate. The ability to place a PICC in any critically ill, prone patient can expedite the administration of fluids and drugs by the critical care team and assist them in providing optimal care.

Reference:

Patrona-Aurand, R., Lovett, K.A. and Kochur, K. (2016) Innovative Positioning for Peripherally Inserted Central Catheter Insertion on a Prone Patient. The Journal of the Association for Vascular Access. 21(4), p.212-216.

DOI: <http://dx.doi.org/10.1016/j.java.2016.06.004>.

Thank you to our partners for supporting IVTEAM