



#IVTEAM #Intravenous literature: Subramanian, S., Moe, D.C. and Vo, J.N. (2013) Ultrasound-guided Tunnelled Lower Extremity Peripherally Inserted Central Catheter Placement in Infants. Journal of Vascular and Interventional Radiology. 24(12), p.1910-3.

Abstract:

Tunneled lower extremity peripherally inserted central catheters (PICCs) are placed in infants under combined ultrasound and fluoroscopic guidance in the interventional radiology suite. In infants requiring a bedside procedure, image guidance is limited, often using portable radiographs during the procedure. This report demonstrates feasibility of placing tunneled lower extremity PICCs using ultrasound as the sole imaging modality for vascular access, intravascular length measurement, and final confirmation of catheter tip position in a case series of 15 critically ill infants. The technique negates the need for added imaging confirmation methods that use ionizing radiation and can be performed at the bedside.

