Today, through the application of aseptic technique, performance of operator training, and the utilization of ultrasound, emergency physicians may limit vascular access complications and improve patient outcomes” Simon and Summers (2017).

Abstract:

Millions of central venous and arterial catheters are placed across the United States annually as mechanisms of obtaining advanced hemodynamic monitoring and facilitating acute resuscitation. Although presumably life saving or sustaining in many circumstances, current literature identifies the preprocedural and postprocedural complications of infection, thrombosis, embolism, and iatrogenic injury as resulting in patient morbidity and mortality. Today, through the application of aseptic technique, performance of operator training, and the utilization of ultrasound, emergency physicians may limit vascular access complications and improve patient outcomes.

Reference:


doi: 10.1016/j.emc.2017.06.004.

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