In this review, we discuss relevant adult learning principles that support simulation-based CVC training, review the literature on simulation-based CVC training, and highlight the use of simulation-based CVC training programs at various institutions" Soffler et al (2018).

Abstract:

Simulation is a popular and effective training modality in medical education across a variety of domains. Central venous catheterization (CVC) is commonly undertaken by trainees, and carries significant risk for patient harm when carried out incorrectly. Multiple studies have evaluated the efficacy of simulation-based training programs, in comparison with traditional training modalities, on learner and patient outcomes. In this review, we discuss relevant adult learning principles that support simulation-based CVC training, review the literature on simulation-based CVC training, and highlight the use of simulation-based CVC training programs at various institutions.

Full Text

Reference:

Soffler, M.I., Hayes, M.M. and Smith, C.C. (2018) Central venous catheterization training: current perspectives on the role of simulation. Advances in Medical Education and Practice. 9, p.395-403. eCollection 2018.

doi: 10.2147/AMEP.S142605.