



Shaping Tomorrow's Nephrology: Insight-Driven Kidney Care
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Lecture Code : DN02-S2

Session Name : Dialysis Nurse Course 2

Session Topic : Dialysis Nurse Course 2

Date & Time, Place : June 14 (Sun) / 10:40-12:40 / Room 1+2 (GBR 101+102), 1F

A Standardized Nursing Approach for Safe Arteriovenous Fistula Cannulation (안전한 동정맥루 천자를 위한 표준화된 간호접근)

Deokim Kim

Eulji Hospital, Eulji University, Republic of Korea

This study was conducted to evaluate the effects of a standardized nursing approach for safe arteriovenous fistula (AVF) puncture. Based on the 2019 KDOQI guidelines, a comprehensive protocol was developed, including pre-puncture vascular assessment, adherence to aseptic techniques, the rope-ladder technique, standardization of needle insertion angles, and nurse education. Following the implementation of this protocol, the first-attempt puncture success rate improved, while complications and pain significantly decreased, thereby enhancing patient safety and the quality of nursing care.

Keywords: Safe arteriovenous fistula (AVF) puncture, Standardized nursing approach, Standardization of needle insertion angles, First-attempt puncture success rate, Patient safety and the quality of nursing care