

Yes, the title “Development and evaluation of a PICC virtual simulator in neonatal nursing: A randomized controlled trial” effectively summarizes the focus of the study. It highlights the use of a virtual simulator for neonatal nursing training and the research design involving a randomized controlled trial. Certainly! The title suggests the following key variables: PICC virtual simulator: Refers to the intervention being evaluated. Neonatal nursing: Indicates the context or specialty area. Randomized controlled trial: Describes the study design. Objective: The study focused on improving nursing students’ knowledge, skills, and interest in pediatric nursing through the use of a virtual simulation system. Design: A quasi-experimental design was employed, with assessments conducted before and after the activity. Participants: The study involved 58 graduate nursing students from China Medical University, divided into experimental and control groups. Methods: The System Usability Scale (SUS) assessed teachers’ experiences with the PICC virtual simulation software. Self-Administered Questionnaires measured students’ perceptions of the software and their interest in pediatric nursing. Theoretical and Operational Assessments evaluated students’ knowledge and practical skills. Results: While the virtual simulation system did not enhance practical skills, it significantly increased student interest in pediatric nursing and employment. In summary, the virtual simulator served as a complement to traditional clinical training, enhancing learning outcomes for neonatal PICC care. 1