

**ORIGINAL PAPER**

**Using Computer Assisted Learning in Nursing Education:  
A Pilot Study in Turkey**

**Deniz Öztürk, RN, MSN**

Research Assistant, Gazi University Faculty of Health Sciences Nursing Department , Ankara, Turkey

**Hülya Bulut, MSN, PhD**

Assistant Professor, Gazi University Faculty of Health Sciences Nursing Department Ankara, Turkey

**Correspondence:** Öztürk Deniz, RN, MSN, Research Assistant, Gazi University Faculty of Health Sciences Nursing Department, Ankara, Turkey E-mail: deniz\_\_genc@hotmail.com

**Abstract**

**Aim:** This is an experimental study aiming to determine the effect of two different methods on student success in the teaching of subcutaneous injection (SI).

**Methodology:** Of 77 students attending the principles of nursing class in the academic year of 2006–2007, 59 were included in the study (study group 31 and control group 28). After preparing the “Lesson content of the practice of SI” and the “SI practice CD,” data were collected by an independent observer using the “SI practice control list” and the “SI practice test.”

**Results:** In the present study, no significant difference was found between students whose education was carried out with CD and those who were trained with present methods with regard to students success in 16 procedure steps whereas significant difference was established in 8 procedure steps.

**Conclusions:** It was determined that students educated using the CD were more successful especially in administering the injection. It was also found that the students in the study group had higher success scores and a favorable opinion of CD use.

**Key words:** Computer Assisted Learning, Nursing Education, Subcutaneous injection