

showed that there were significant differences in the six aspects of skills, while the four aspects of skills, namely patient identification, infection control, documentation and empathy, communicative and respectful, were not significantly different from the control group.

Further analysis of the aspects of IM injection drug delivery skills shows differences in the use of all aspects of oral drug delivery skills. This shows the effectiveness of the learning design that applying sequencing competencies from simple to complex in the achievement of intramuscular drug administration skills. It also shows that the combination of learning task, supportive information, procedural information, and part task practice designed for students succeeded in helping students in applying medication safety.

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