Effects of educational workshop program including design thinking methods on professional socialization for nursing students

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Background

This study is part of a large mixed-method research project on the professional socialization (PS) of nurses in the contemporary South Korean sociocultural context.

QUAL
- explored Korean hospital nurses' PS experiences

Quant
- identified attributes of PS using a Delphi survey

QUANT
- identified the structure of the concept of professional socialization using factor analysis (both exploratory and confirmatory)

Integration
- nurses become sensitive to clients' needs and they pursue being innovative, recognized, and contribute to outcomes in the process of PS

PRESENT STUDY
- how to help nursing students be sensitive to clients' needs and innovative in clinical settings
- to develop an educational program for nursing students to help improve PS
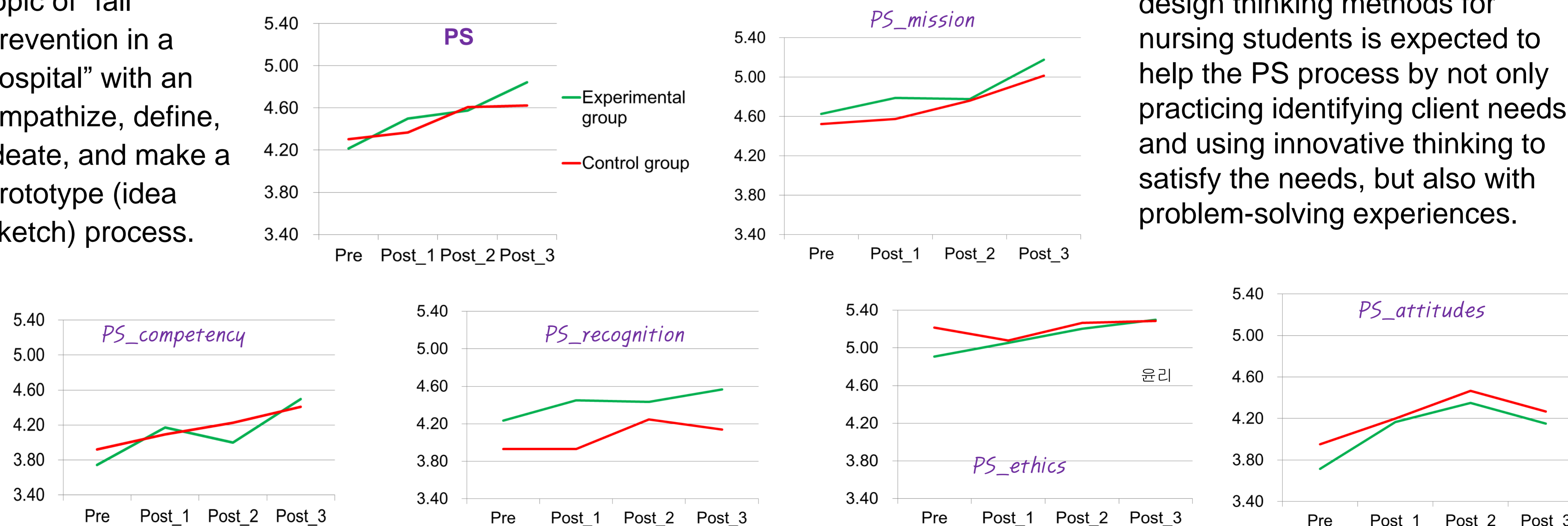
Methods

- This study was a nonequivalent control group pretest-posttest design study. We constructed a 30-hour educational workshop including design thinking methods, clinical communication and patient safety. Forty junior nursing students were the subjects of the study (20 in experimental group, 20 in control group).

- PS was measured as a pretest in both the experimental and control groups before the workshop. Posttests were performed 3 times after the workshop.

- Program example: Twenty students practiced design thinking on the topic of "fall prevention in a hospital" with an empathize, define, ideate, and make a prototype (idea sketch) process.

Results

- As a result of repeated measure ANOVA, there was no significant time*group interaction (F=1.781, p=.155) even though there were differences in PS over time (F=14.474, p < .001).

Conclusions

- Nurses should be experts in design who improve safety in the healthcare environment.

- Educational program including design thinking methods for nursing students is expected to help the PS process by not only practicing identifying client needs and using innovative thinking to satisfy the needs, but also with problem-solving experiences.