Introduction

- An educational strategy has to be advanced as technology evolves. Virtual nursing simulation is one of the attempts for a transition of the nursing education method[1].
- Virtual simulation scenarios for nursing education should be developed based on the effective design characteristics of virtual simulation.

Methods

- Focus Interviews with Clinical Nurses and Experts
- Literature Review
- Integrative Review Research

Results

- Educational Outlines
- Virtual Outlines
- Scenario Outlines
- Debriefing Components

Conclusions

- Effective design characteristics for virtual simulation include virtual specific components such as presence, immersion, and affordance.
- The findings of this study showed the design characteristics of the developed template could allow nurse educators to build more structured virtual simulation strategies for nursing education.
- Further study focused on evaluating the effectiveness of the virtual simulation is warranted.

Acknowledgement

This research has been supported by the Basic Science Research Program through the National Research Foundation of Korea funded by the Ministry of Science, ICT, and Future Planning (KRF# 2016010413)

Reference