

Joint Event

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## Nursing students' views about pediatric nursing simulation lab trainings

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**Introduction:** It is necessary for nursing students to gain attitude toward approach to pediatric patients in clinical teaching and to be able to provide safe nursing care in different areas. Clinical skills laboratories are the most appropriate environments for gaining psychomotor skills.

**Objective:** It was conducted to determine the views of undergraduate nursing students about pediatric nursing simulation laboratory trainings.

**Methods:** This descriptive study was applied in the University of Health Sciences Faculty Nursing Department with 54 student who were on the pediatric nursing course of a bachelor nursing degree at fall term of 2016-2017. Data were collected using the descriptive characteristics data form, opinion data form on laboratory practices and the Clinical Stress Questionnaire (CSQ). The total score that can be taken from the CSQ scale between 0-80. A low score shows a low level of stress, and a high score shows a high level of stress.

**Results:** Most of the students were female (92.6%) and their average age was  $21.01 \pm 1.47$ . Knowledge level of students was increased from  $4.22 \pm 0.92$  to  $4.53 \pm 0.84$  (W: -2.236, p:0.025) out of five and feeling of sufficiency level increased from  $3.85 \pm 0.87$  to  $4.24 \pm 0.79$  (W: -2.335, p:0.020). The CSQ average scores of all students was  $33.25 \pm 10.56$  after the pediatric nursing clinical practice. Most recommendations of students about pediatric simulation laboratory trainings were, "instructors should be tolerant and supportive, and the number of practices should be increased". In addition, students stated that laboratory trainings with simulation sessions encouraged their critical thinking and enhanced their motor skills.

**Conclusion:** According to this study, students clinical stress level was found low. Knowledge and competency level increased after the simulation laboratory trainings. Development and applying of new laboratory teaching methods including simulation could support students to achieve more efficient nursing practices. Nursing educators should explore new ways of enhancing students' abilities by employing innovative strategies that apply diverse teaching methods. If educators develop and apply pre-education including simulation, it can support and assist students to achieve more efficient nursing practices, and may increase their satisfaction nursing educators should explore new ways of enhancing students' abilities by employing innovative strategies that apply diverse teaching methods. If educators develop and apply pre-education including simulation, it can support and assist students to achieve more efficient nursing practices and may increase their satisfaction.

### Biography

Cigdem Ceylan completed Nursing Bachelor Programme in Dokuz Eylul University Nursing Faculty in 2010 and Master's degree in Gazi University Health Sciences Faculty in Pediatric Nursing field in 2014. She continued her Doctorate in Gazi University Health Sciences Faculty in Pediatric Nursing field since 2014. She has been working as a Research Assistant in Abant İzzet Baysal University Bolu Health School in Pediatric Nursing field since 2012 to 2014. She has been working in Gazi University Health Sciences Faculty in Pediatric Nursing field as a Research Assistant since 2014.

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