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## A new method in lecturing for nurse educators Pecha-Kucha: a case-control study

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Pecha-Kucha (P-K), takes about 20 seconds per slide, is a form of a 20-slide presentation. Mostly architects and people interested in visual arts use this technique in explaining and demonstrating the products they revealed. In this study, it was aimed to compare the effects of P-K and classic power point techniques on learning status of nursing students in lecture. This case-control study was held in nursing school in Turkey in March 2016. The participants of this study were 134 first-year students of the nursing school (P-K group, n=66; control group, n=68). Descriptive statistics and Mann-Whitney U test were used in analysis. Students in both groups have responded to 15 questions to evaluate their learning status at the end of the course. Maximum 15 points can be taken from these evaluation questions that received one point for each correct answer. Both groups again reported their satisfaction levels over 10 points in visual analog scale at the end of the course. In addition to this, feedback of P-K group students regarding this presentation technique was taken. While average score of lesson evaluation in control group was  $13.67 \pm 0.09$ , and was  $13.33 \pm 1.30$  in P-K group. There is no significant difference when comparing learning status of students in both groups ( $p < 0.05$ ). When groups were compared in terms of satisfaction levels, it was found that P-K group average satisfaction level is higher than control group (control group;  $8.20 \pm 1.09$ , P-K group;  $9.12 \pm 0.96$ ). In accordance with this result there is a statistically significant difference between students' satisfaction levels ( $p < 0.01$ ). P-K increased the lesson satisfaction of students through visual and narrative expressions. Students in P-K group were given positive feedback related to this technique. It can be used as an alternative to classic power point technique by nurse educators in the lecture.

### Biography

Ozgu Bakcek graduated in 2011 from the Gulhane Military Medical Academy(GMMA), School of Nursing . She was entitled to participate in the Master's Program GMMA Surgical Nursing Department in 2015. She is currently continuing her master education in University of Health Sciences Surgical Nursing Department

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