## ABSTRACT

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Differences in Anxiety Levels of Preschool Children Hospitalized in Myria Hospital Palembang before and after Blowing Propellers

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Keywords: Anxiety, preschool children, hospitalization, distraction technique, deep breathing relaxation (64 pages + 4 figures + 5 tables + 13 attachments)

**Background:** Children being hospitalized might suffer from anxiety, so nurses are truly required to overcome the trauma and ease the anxiety. One technique to relieve the anxiety is breathing distraction technique through blowing propellers.

**Objectives:** This study aimed at finding out the differences in anxiety levels of preschool children before and after the intervention of blowing propellers.

**Methods:** This study used pre-experimental design method with one group pretest-posttest. Incidental sampling was used to select the sample. The number of the sample was 30 respondents, who were preschool children being hospitalized in Myria Hospital.

**Results:** Before the intervention, 60% of the total respondents suffered from anxiety in level moderate. After the intervention, the number decreased, and there are 80% of the respondents did not have any anxiety. The statistic test by Wilcoxon showed p value = 0.001.

**Conclusion:** There were differences in the anxiety scale before and after the children hospitalized in Myria Hospital were given the intervention of blowing propellers.

**Suggestion:** Nurses are suggested to implement the intervention of blowing propellers as one of non-pharmacological treatments to ease the anxiety levels of the children during the hospitalization. Moreover, other researchers were counted to use other different models or distraction techniques, such as hearings and visions, which aimed at reducing the anxiety levels of preschool children during hospitalization.

**References:** 45 (2001-2017)