

# 24<sup>th</sup> World Nursing and Healthcare Conference

September 13-15, 2018 | Copenhagen, Denmark

## The relationship between stress level and the achievement of nursing students at Suranaree University of Technology

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The following study involved a cross-sectional correlational descriptive design. The study aimed to examine the relationship between stress level and the achievement in the Fundamentals of Nursing Practicum skilled laboratory among sophomore nursing students at Suranaree University of Technology. Seventy-two participants of nursing students who had placements in Fundamentals of Nursing Practicum Laboratory were purposively sampled. Seven students were excluded from the study due to missing of GPA as the achievement. Finally, sixty-five students participated in this study. This study employed validated instruments of stress level with Cronbach's alpha 0.81. Data was analyzed using descriptive statistics and Pearson Product Moment Correlation. The findings reveal that nursing students were moderate stress level (32.31%), high stress level (53.85%), and very high stress level (13.84%). The average GPA of nursing students was 3.05 (SD=.34). The highest GPA was 3.70 and the lowest GPA was 2.14. For the relationship between stress level and GPA, the result showed that it was mild negative relationship ( $r=-.16$ ). This may interpret that students with high GPA had moderate level of stress. Oppositely, the students with low GPA had high level of stress. This study has the following recommendations: we should assess stress level of nursing students before the Fundamentals Laboratory of Nursing Practicum begins. This would help lecturers to prepare physical and psychological health of nursing students.

### Biography

Sirikon Khaobunmasiri is currently a Lecturer from the School of Psychiatric and Mental Health Nursing at the Institute of Nursing of Suranaree University of Technology, Thailand. She has more than 10 years of experience in teaching mental health and psychiatric nursing to nursing students. She has presented her research work (poster and oral) in several countries.

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