## Sigma's 29th International Nursing Research Congress

## **Experience-Based Learning in Nursing Education**

#### Aksara Kakarndee

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## **Experience-based Learning in Nursing Education.**

Abstract:

**Purpose:** The purpose of this study problem solving ability through the use of nursing process and analytical thinking skills was to (1) compare problem solving ability of nursing undergraduates through the use of nursing process and analytical thinking skills before and after they engaged in experience-based learning; and (2) compare the problem solving ability with the expected competency of nursing undergraduates.

**Methods:** One hundred and ten of third-year nursing undergraduates were purposely selected. They were enrolling in a practicum course of the 2016 academic year and were engaged in the experience-based learning for two weeks. The undergraduates were divided into two large groups consisting of 14 small subgroups. Data were collected and analyzed using one group pre and post-tests design. Two statistics, T-test dependent samples and one sample t-test, were obtained.

**Results:** The results showed that (1) the problem solving ability of the undergraduates is statistically higher after engaging in experience-based learning at  $\alpha$ = .01; and (2) the problem solving ability statistically meets the expected competency at  $\alpha$ = .01

**Conclusion:** Problem solving ability through the use of nursing process and analytical thinking skills of one hundred and ten of third-year nursing undergraduates were purposely selected. They were enrolling in a practicum course of the 2016 academic year and were engaged in the experience-based learning for two weeks. The undergraduates were divided into two large groups consisting of 14 small subgroups. Data were collected and analyzed using one group pre and post-tests design. Two statistics, T-test dependent samples and one sample t-test, were obtained. were through the use of nursing process and analytical thinking skills after they engaged in experience-based learning and purposely the expected competency of nursing undergraduates.

Keywords: Problem Solving Ability, Nursing Process, Analytical Thinking Skills, Experience-Based Learning, Experience-based Learning in Nursing Education, Nursing Education, Nursing Process and analytical Thinking

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# Title:

Experience-Based Learning in Nursing Education

## **Keywords:**

Experience-Based Learning, Nursing Process and Analytical Thinking Skills and Problem Solving Ability

#### References:

Development of a self-directed learning readiness scale for nursing education. Fisher, Murray RN, ITU Cert, DipAppSc (Nursing) (CCES), BHSc (UTS), MHPEd (UNSW), MRCNA (Lecturer, Faculty of Nursing (M02). Nurse Education Today. Volume 21, Issue 7, October 2001, Pages 516-525

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Chinese baccalaureate nursing students' readiness for self-directed learning. Author links open overlay panel Hao Bin Yuana, Beverly A. Williams, Jin Bo Fang, Dong Pang. Nurse Education Today. Volume 32, Issue 4, May 2012, Pages 427-431

# **Abstract Summary:**

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#### **Content Outline:**

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First Primary Presenting Author

## **Primary Presenting Author**

Aksara Kakarndee Srimahasarakham Nursing Collage Mahasarakham Thailand

**Professional Experience:** I am a student of Doctoral degree of Education and take cross training for nursing instructor. And I wrer been poster presentation in Lassvagus of Elsevier.

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#### Any relevant financial relationships? Yes

Relationship	<b>Description of Potential Conflict</b>
Salary	Srimahasarakham Nursing Collage

Signed on 12/11/2017 by Aksara Kakarndee