



PHITSANULOK, THAILAND

Health Sciences

NARESUAN UNIVERSITY

Science and Technology

Social Sciences

FACULTY OF NURSING, NARESUAN UNIVERSITY

:: NARESUAN UNIVERSITY ::

WANJAIPHOTO@HOTMAIL.COM :: COPYRIGHT PHOTO BY @WANJAI@



PHITSANULOK, THAILAND

FACULTY OF NURSING, NARESUAN UNIVERSITY

Title: Teaching - Learning Model Development in Nursing for the Elderly by Co-operative Learning and Learning Facilitator's Competence based on Knowledge Management in Baccalaureate Nursing Students.

Author : Asist.Prof. Cathareeya Rattanawimol, RN, MNS

Co-Authors : Chaowanee Longchoopol, RN, MNS

: Napasanan Piyasiripan, RN, MNS

: Sujin Rueangrum, RN, MNS

: Intira Pakanta, RN, MNS

Email address: cathball_r@yahoo.com



PHITSANULOK, THAILAND

Background:

Learning in the present era in which our society is overwhelmed with information and conflicts should focus on developing and preparing learners to have wisdom.

FACULTY OF NURSING, NARESUAN UNIVERSITY

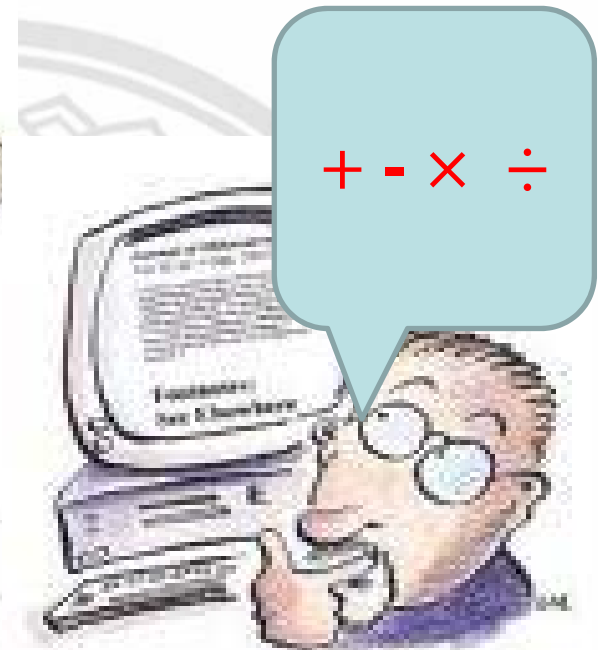




PHITSANULOK, THAILAND

Background (con.2) :

FACULTY OF NURSING, NARESUAN UNIVERSITY



- This will enable them not to be influenced by ignorance or to believe for information gained merely based on its quantity but to be able to properly and smartly analyze it.



PHITSANULOK, THAILAND

Background (con.3)

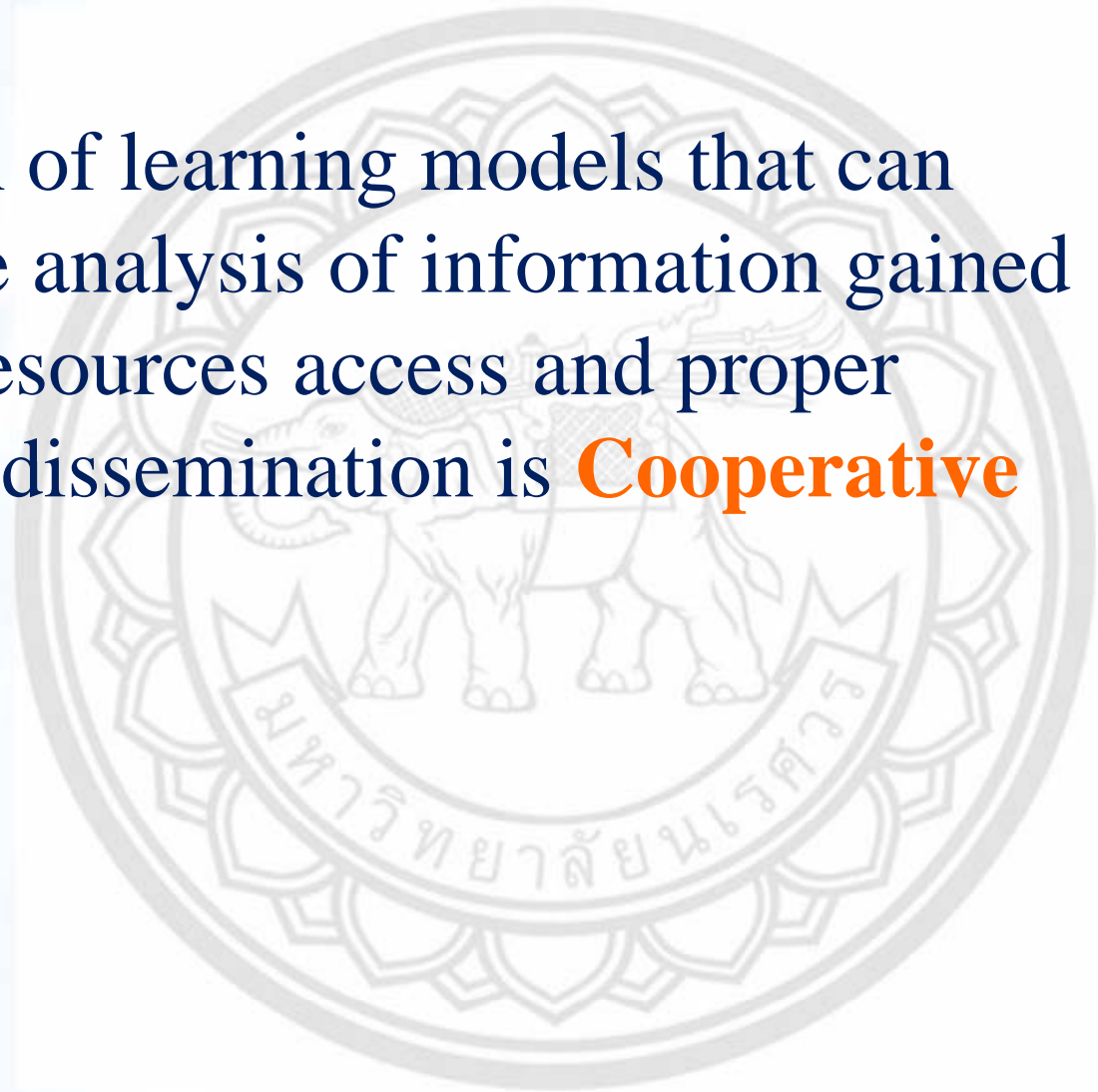
- From the study done by Rattanawimol, et al. (2007), they found that satisfaction expressed by the supervisor toward graduate nurses' competencies after their 1-year working period in respect of health knowledge dissemination to the public was relatively at low level compared with other aspects of their competencies.



PHITSANULOK, THAILAND

Background (con.4)

- One pattern of learning models that can enhance the analysis of information gained including resources access and proper knowledge dissemination is **Cooperative Learning.**





PHITSANULOK, THAILAND

Background (con.5)

- **Cooperative Learning** was a notion proposed by Johnson, Johnson & Smith,(1991) which can be characterized as a learner-based learning process that allows the learners to create their knowledge by themselves through the learning cooperation.



PHITSANULOK, THAILAND

Background (con.6)

- The learners will be aroused by variety of challenges in order to encourage the learners to develop analytical and critical thinking.
- The learners will do research by themselves before analyzing data and information and knowledge by determination and differentiation such information gained.



PHITSANULOK, THAILAND

Background (con.7)

Generally, the learners will be grouped in a small team each of which consisting of learners of different level of ability.



All group members to learn in “different but not divided”



PHITSANULOK, THAILAND

FACULTY OF NURSING, NARESUAN UNIVERSITY



The researchers wish to see that nursing students realize the value of the elderly as a person who possesses valuable experiences and knowledge especially such involving self-care.



PHITSANULOK, THAILAND

FACULTY OF NURSING, NARESUAN UNIVERSITY

Objectives:

- The purpose of this research was to develop the co-operative learning and learning facilitator's competence based on knowledge management construction model and to investigate the effectiveness of this model.



PHITSANULOK, THAILAND

FACULTY OF NURSING, NARESUAN UNIVERSITY

Methodology

- This research is a quasi-experiment with one group pre-test post-test design.





PHITSANULOK, THAILAND

Population

- The sample included 71 fourth-year nursing students in the first semester of 2010, at the Faculty of Nursing, Naresuan University, Thailand.



Theoretical

Humanistic Existentialism

expresses the power of human beings to make freely-willed choices, independent of the influence of religion or society.

Constructivism(Vygotsky,Piaget)

constructivist classroom must provide a variety of activities to challenge students to accept individual differences, increase their readiness to learn, discover new ideas, and construct their own knowledge.

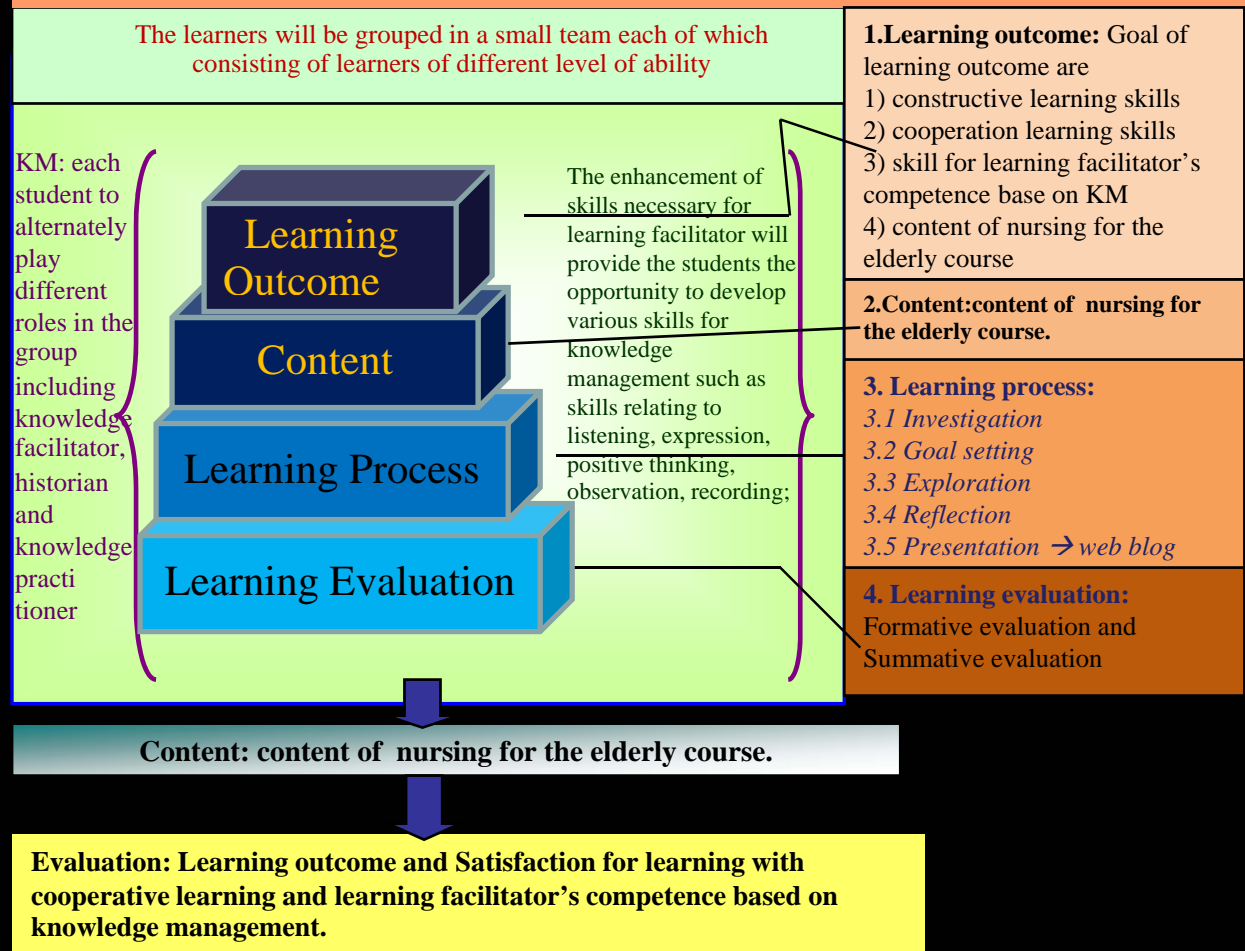
Theory of Cooperation : variety of challenges in order to encourage the learners to develop analytical and critical thinking. The learners will be grouped in a small team each of which consisting of learners of different level of ability

Concept of KM : It involves a process for practicing interaction with other group members of different roles in order to allow all group members to learn in “different but not divided” situation by allowing each student to alternately play different roles in the group including knowledge facilitator, historian and knowledge practitioner to be used as a tool for continual learning.

CONCEPTUAL FRAMEWORK

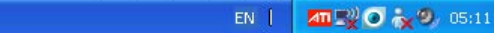
Objective: 1.Develop the co-operative learning and learning facilitator's competence based on knowledge management construction model 2.Investigate the effectiveness of this model.

Element of co-operative learning and learning facilitator's competence based on knowledge management construction model





Such knowledge will be then published via WEB BLOG of each group.



PHITSANULOK, THAILAND

ajarncath_r - การพยาบาลผู้สูงอายุ - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print Mail W Save Open

Address http://learners.in.th/blog/ajarncath

Go Links

learners.in.th



ajarncath_r

เนื้อหา ▾ ชุมชน ▾ สมาชิก ▾

[หน้าแรก](#) [เคยอ่านหรือยัง?](#)

[ธงไทย](#) [ธงชาติ](#) [ลงทะเบียน](#) [เข้าระบบ](#)

[home](#) / [blog](#) / [ajarncath](#)

[ค้นหา](#)



ajarncath_r

พนักงานสายวิชาการ

[ประวัติ](#) :: [ศูนย์รวมข้อมูล](#) :: [อนุทิน](#) :: [บล็อก](#) :: [แพลนเน็ต](#) :: [ไฟล์](#) :: [คำถาม](#) :: [อีเมลติดต่อ](#) :: [ข่าวประชาสัมพันธ์](#)

Error on page.

Start Naresuan ... ajarncath_... Document1 ...

EN

Internet

9:31 AM

PHITSANULOK, THAILAND

ajarncath_r - การพยาบาลผู้สูงอายุ - แนวข้อสอบFINAL - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print Mail New Tab

Address http://learners.in.th/blog/ajarncath/389893

Go Links



[ajarncath_r](#) (ความเคลื่อนไหวล่าสุด)

24 กรกฎาคม 2553 19:41

[#573971](#)

ตัวอย่างข้อสอบข้อแรก.....เมนูอาหารในข้อใดที่เหมาะสมกับผู้สูงอายุที่เป็นโรคกระดูกพรุนมากที่สุด.....



[Dek Nurse Gr.3](#) (ความเคลื่อนไหวล่าสุด)

28 กรกฎาคม 2553 12:39

[#574847](#)

thank you.Aj.



[Nursing group 4](#) (ความเคลื่อนไหวล่าสุด)

28 กรกฎาคม 2553 13:06

[#574855](#)

http://learners.in.th/activities/users/empowerment_aging

Internet

Start :: Naresuan ... ajarncath_... Document1 ...

EN 9:32 AM



PHITSANULOK, THAILAND

Variables

Independent variables

The pattern for development of the co-operative learning and learning facilitator's competence based on knowledge management construction model



Dependent variables

- 2.1) Constructive learning skills
- 2.2) Co-operation learning skills
- 2.3) Skills for learning facilitator's competence based on knowledge management
- 2.4) Satisfaction for learning with co-operative learning and learning facilitator's competence based on knowledge management construction model
- 2.5) Content of nursing for the elderly course

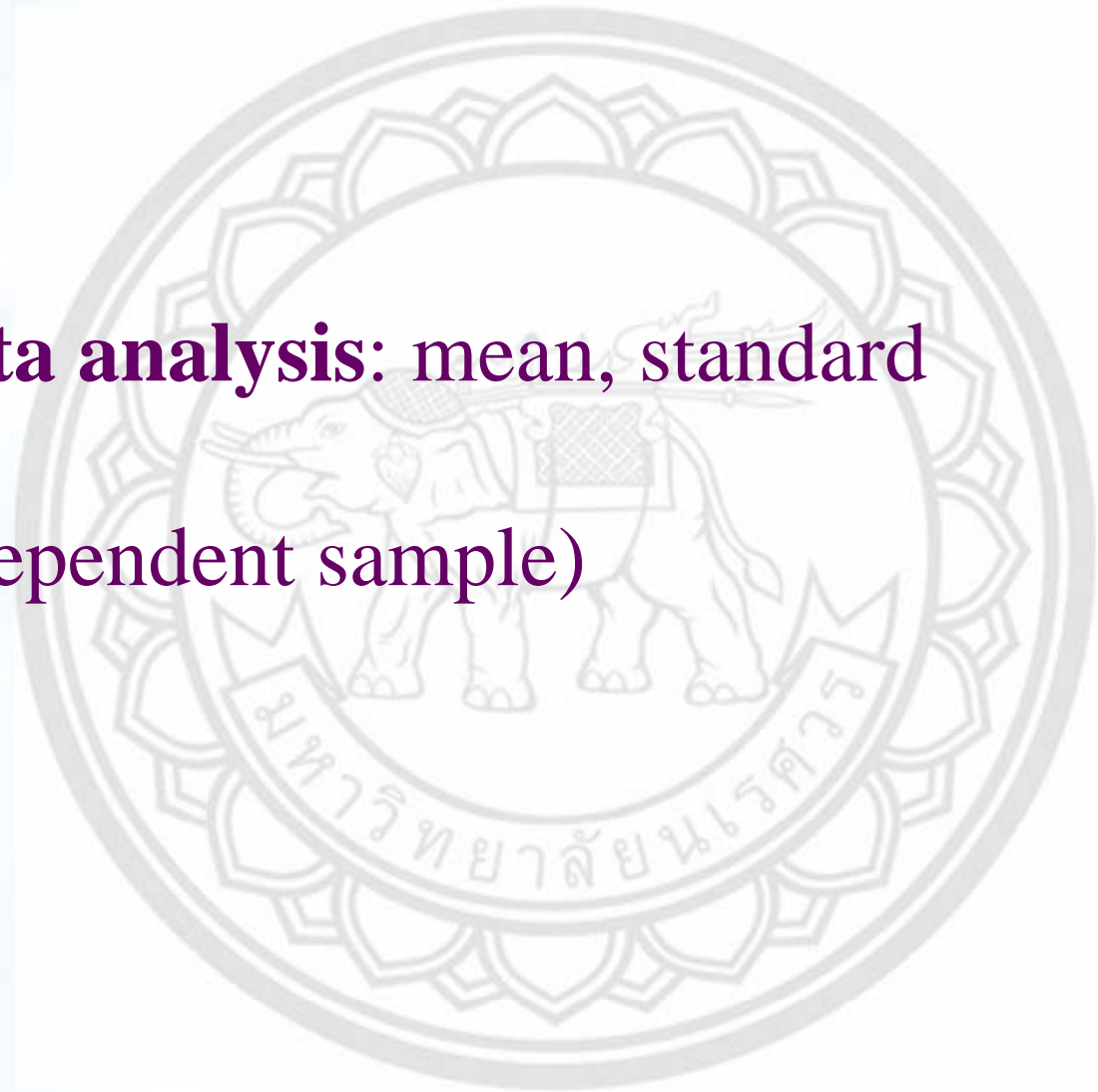


PHITSANULOK, THAILAND

FACULTY OF NURSING, NARESUAN UNIVERSITY

Statistics

Used for data analysis: mean, standard deviation
and t-test (dependent sample)





PHITSANULOK, THAILAND

Results

FACULTY OF NURSING, NARESUAN UNIVERSITY

- 1) The post-test scores of the constructive learning skills; inquiry, critical thinking, synthesis and summarize of nursing students were higher than those of their pretest at the .01 level of significance.
- 2) The post-test scores of co-operation learning skills; communication, resolving and team working of nursing students were higher than those of their pretest at the .01 level of significance.



PHITSANULOK, THAILAND

Results (2)

FACULTY OF NURSING, NARESUAN UNIVERSITY

- 3) The post-test scores of learning facilitator's competence based on knowledge management were higher than those of their pretest at the .01 level of significance.
- 4) Nursing students had a high level of satisfaction for learning with co-operative learning and learning facilitator's competence based on knowledge management construction model.
- 5) Knowledge of content in nursing for the elderly was higher than 70% at the .01 level of significance

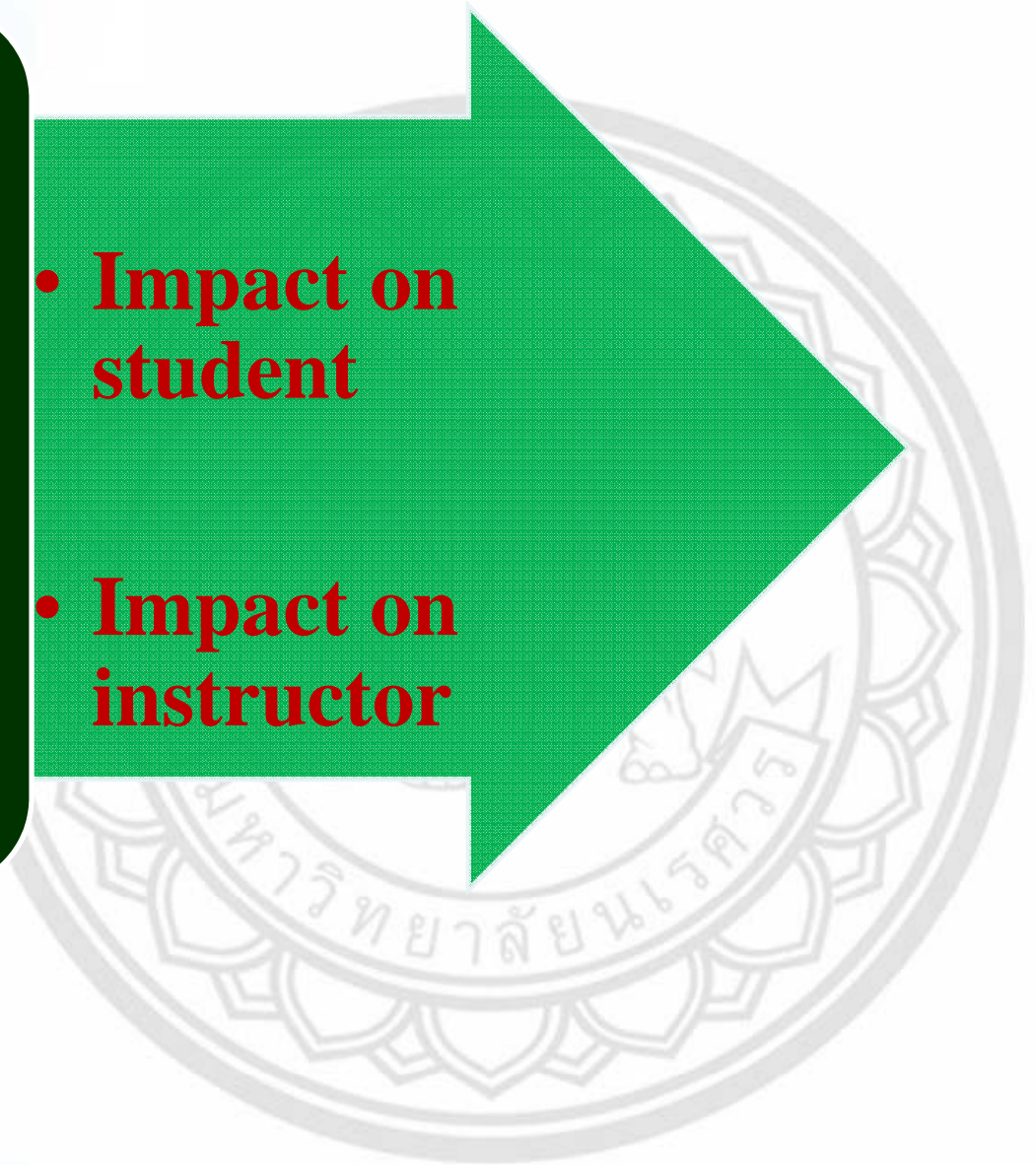
PHITSANULOK, THAILAND



FACULTY OF NURSING, NARESUAN UNIVERSITY

Potential impact

- Impact on student
- Impact on instructor





PHITSANULOK, THAILAND

Summary

The application of cooperative learning and learning facilitator's competence based on knowledge management model is another practice that can develop different capacity for the student especially on knowledge generation based on one's interest which will result in happiness and satisfaction toward learning.

The result of this learning model in the nursing for the elderly class can further provide the guideline for the development of education model and learning management.



THANK YOU

