

# Problem-based learning and Kahoot in Medical Genetics

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## Overview

My course is medical genetics. The topics are including principles of genetics, gene function, genetic engineering, chromosomal abnormalities, application of the knowledge to explain the mechanism of congenital malformations

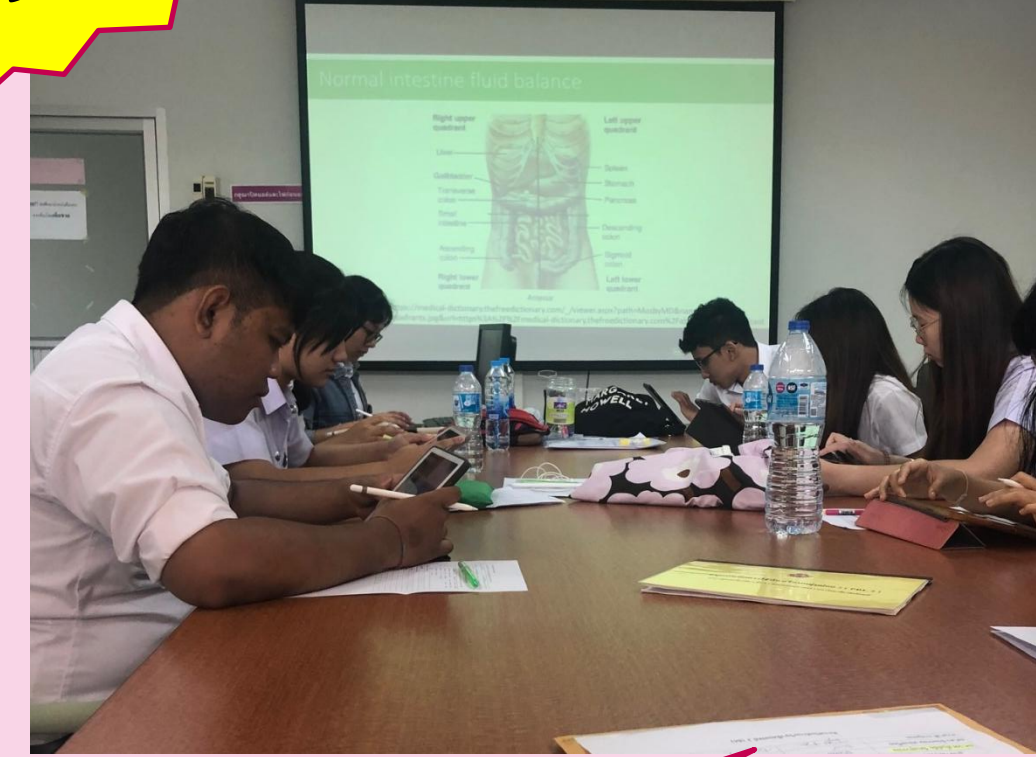
## Sometime

The students are bored due to lack of interaction with teachers.

Therefore, I use the problem-based learning and Kahoot! in my class to motivate and improve students.

## Activity

PBL



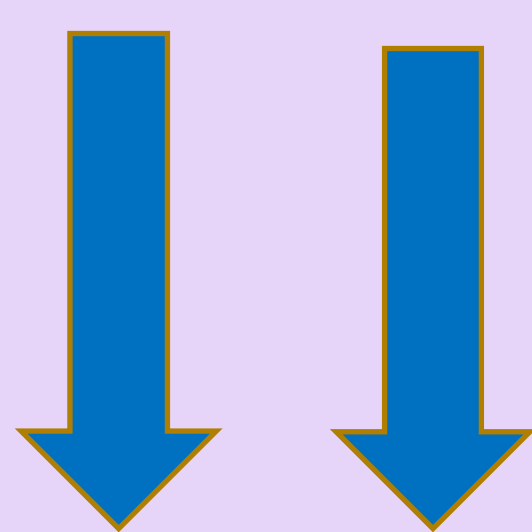
KAHOOT



## Aims and Objectives

Students want more interactive classes and prefer activities that involve interaction with teacher.

PBL



KAHOOT

- To motivate the interaction between students and teacher
- To improve students' knowledge in medical genetics

## Outcome

HAPPY

Quiz

FUN

ชอบ

Easy

ง่าย

NICE

Group discussion

Test

ไม่กังวล

สนุก

ของรางวัล

## Impact

- Students try to answer the question and enjoy to participate in the class.
- Students can update knowledge in medical genetics.

## References

Preeti B, Ashish A, Shriram G. Problem Based Learning (PBL) - An Effective Approach to Improve Learning Outcomes in Medical Teaching. Journal of clinical and diagnostic research: JCDR. 2013;7(12):2896-7

## Future development of project

Using more technology tools to improve and encourage student participation in classroom