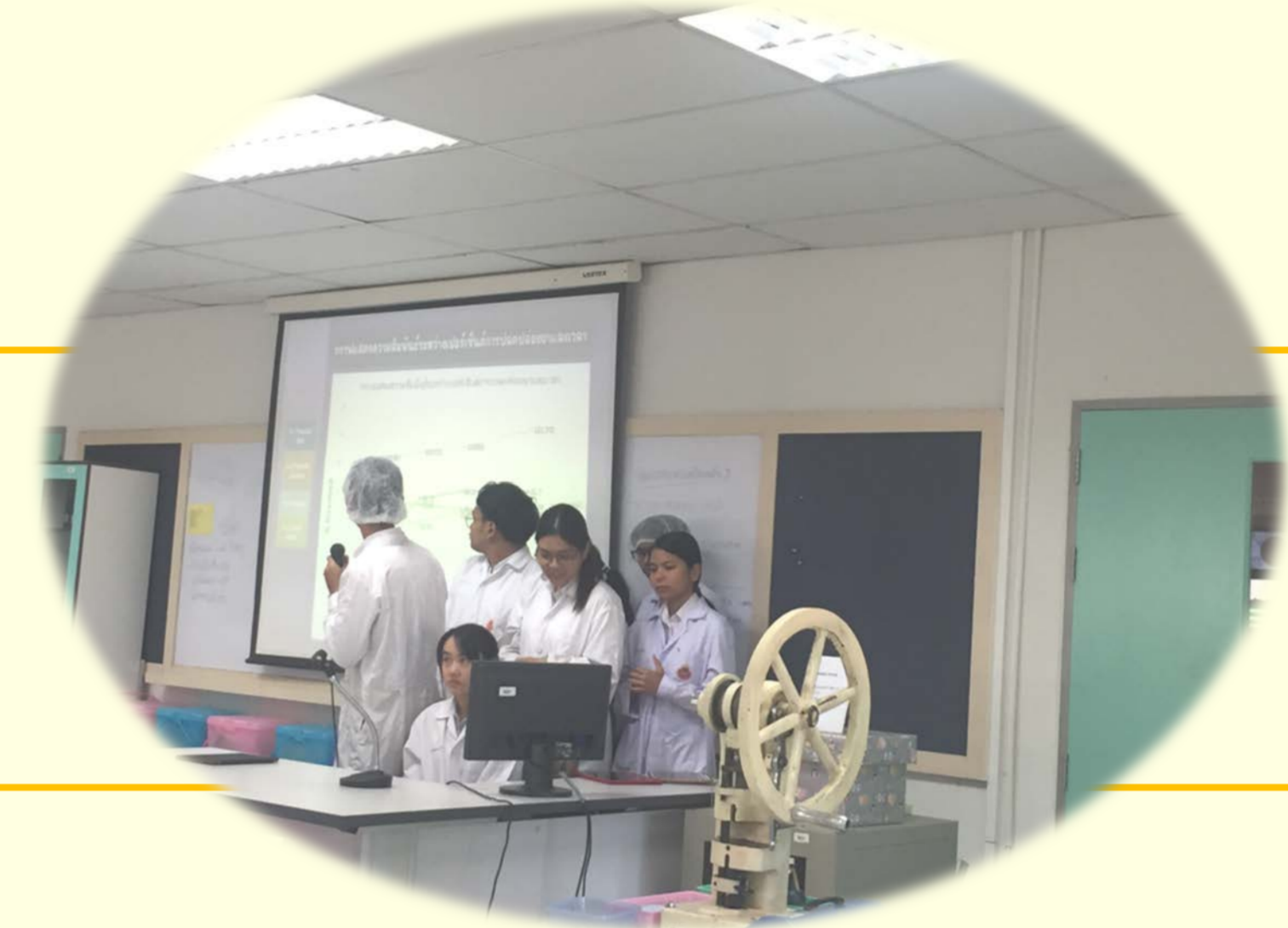


Teaching strategy to improve student engagement and motivation

Namfa Sermkaew
School of Pharmacy, Walailak University

Challenge

Novel drug delivery systems is a difficult subject for the students because it applies a lot of knowledge in pharmacy such as pharmaceutical technology, chemistry, pharmacology. The students need to be able to combine all knowledge and use them to create new drug delivery systems. Therefore, they have to read many research articles in order to get the idea which is a new delivery approach.



Aims

To design teaching strategies which increase student's interest and to encourage students to read research article about novel drug delivery systems

Activities

Last year I taught this subject by conventional lecture. In this academic year, I have taught the students by adding many new strategies such as group discussion, quiz, presentation.

Step 1 : Lecture by teacher

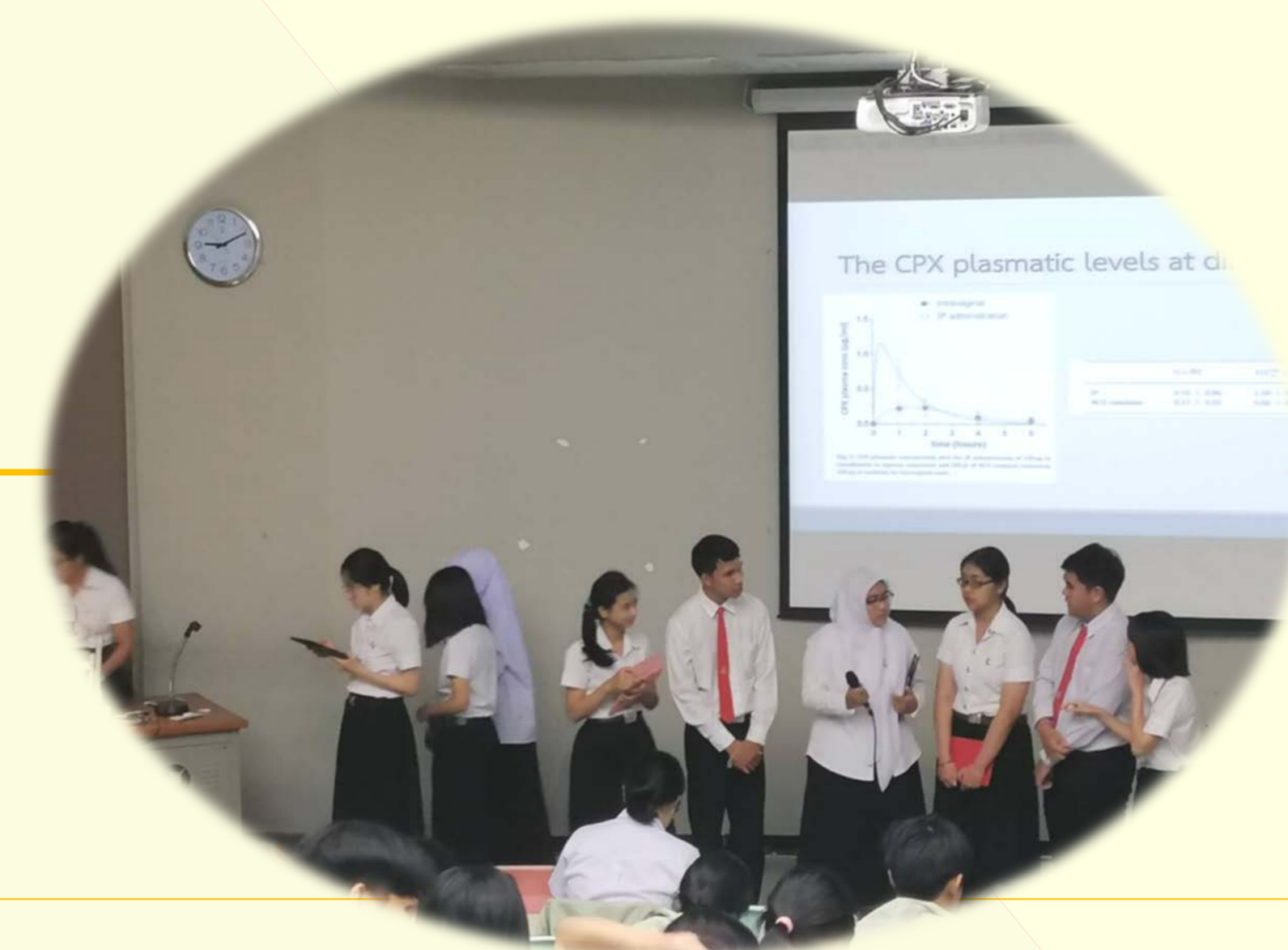
Step 2 : Increase student participation by encourage them to answer the question verbally.

Step 3 : Quiz after lecture

Step 4 : Assign homework to read articles and work in a group

Step 5 : Presentation and class discussion

Step 6 : Quiz after presentation and discussion



Outcomes

Discussion is the effective ways to actively engage students. The instructor moved between groups to ensure that all students are participating and to observe any common misconceptions being shared in the groups. After presentation finished, the instructor and students discussed together, so the teacher could notice the understanding of the students, and feedback was given immediately. Lastly, in order to check the knowledge of the students, the quizzes were used. The students had more motivation and participation.