

THE EFFECTIVENESS OF KAHOOT APPLICATION SUPPORTS THE FORMATIVE ASSESSMENT AND FEEDBACK PRACTICE

Jitbanjong Tangpong, PhD.

School of Allied Health Sciences, Walailak University, Nakhon Si Thammarat, 80161

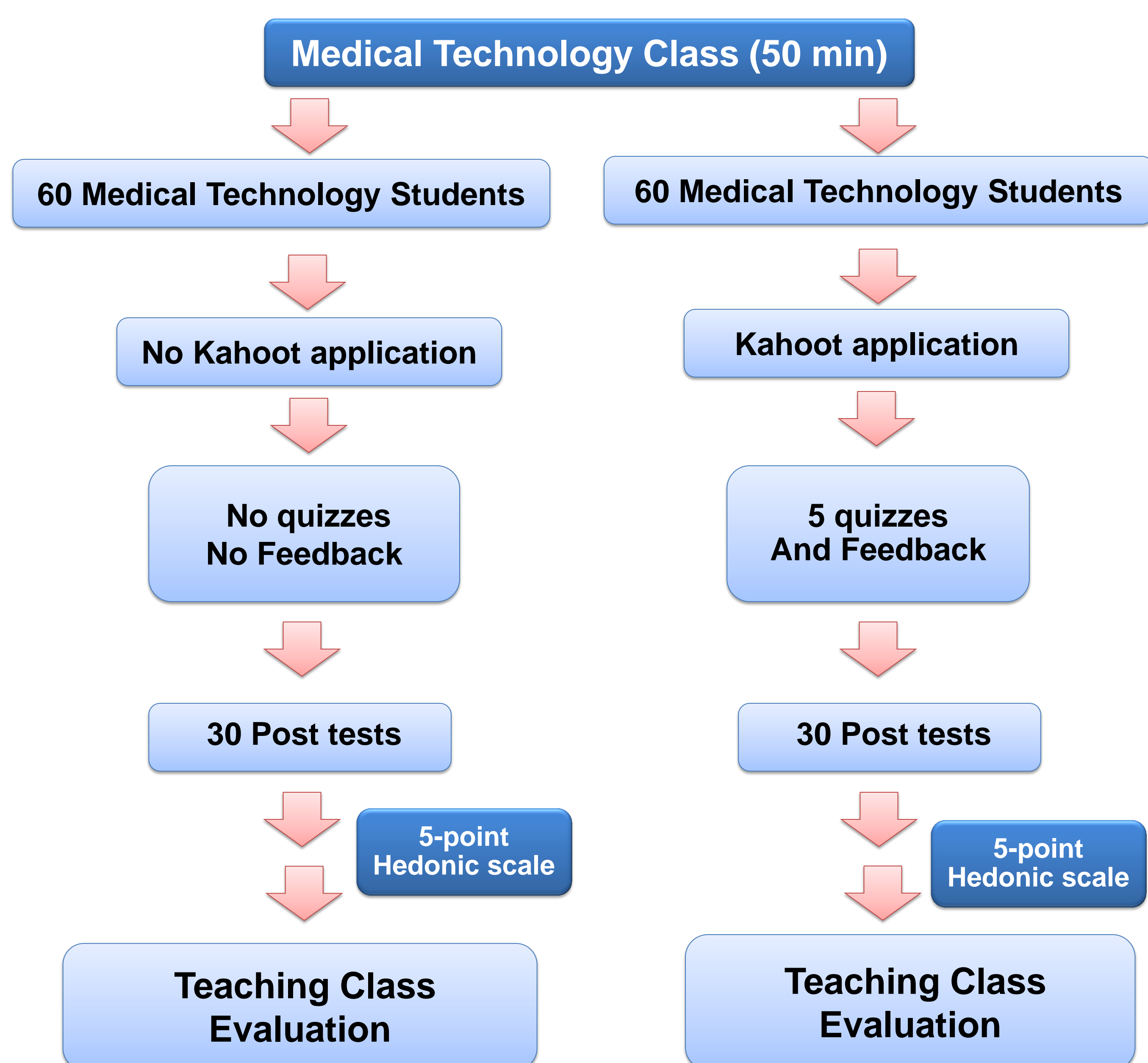


ABSTRACT

Kahoot is a technology application assessment tool that includes students' participation in answering MCQ-type of questions in a more competitive environment. It attempt to attract students' attention and motivate their classroom participation. However, there are concerns about the ability of Kahoot application in students' formative assessment and feedback practice. It is known that Kahoot is an interactive approach in conducting quizzes or tests. The aim of this explore will focus on it can improve formative assessment and ability of feedback during the class. The effectiveness of Kahoot application as an assessment tool in classroom activities following the guideline of seven principles of good feedback practice will discuss. A quantitative and qualitative approach utilizing data from 2 groups comparison between the class with and without using Kahoot application which were done in quizzes and interview setting with a case study on 60 Medical Technology students, School of Allied Health Sciences, Walailak University. The present study found that Kahoot effective formative assessment by improvement quizze scores towards their good feedback practice. Taken together, Kahoot application contributes towards understanding the strength formative assessment and feedback in classroom activities.

KEYWORDS: Kahoot, formative assessment, feedback practice, Technology application

EXPERIMENTAL DESIGN:



REFERENCES: 1. Chaiyo Y, Nokham R. (2017). DOI: 10.1109/ICDAMT.2017.7904957
 2. Kahoot! as Formative Assessment - Center for Instructional Technology". Center for Instructional Technology. 2015-07-02. Retrieved 2017-08-09.

RESULTS

Kahoot improved post test scores

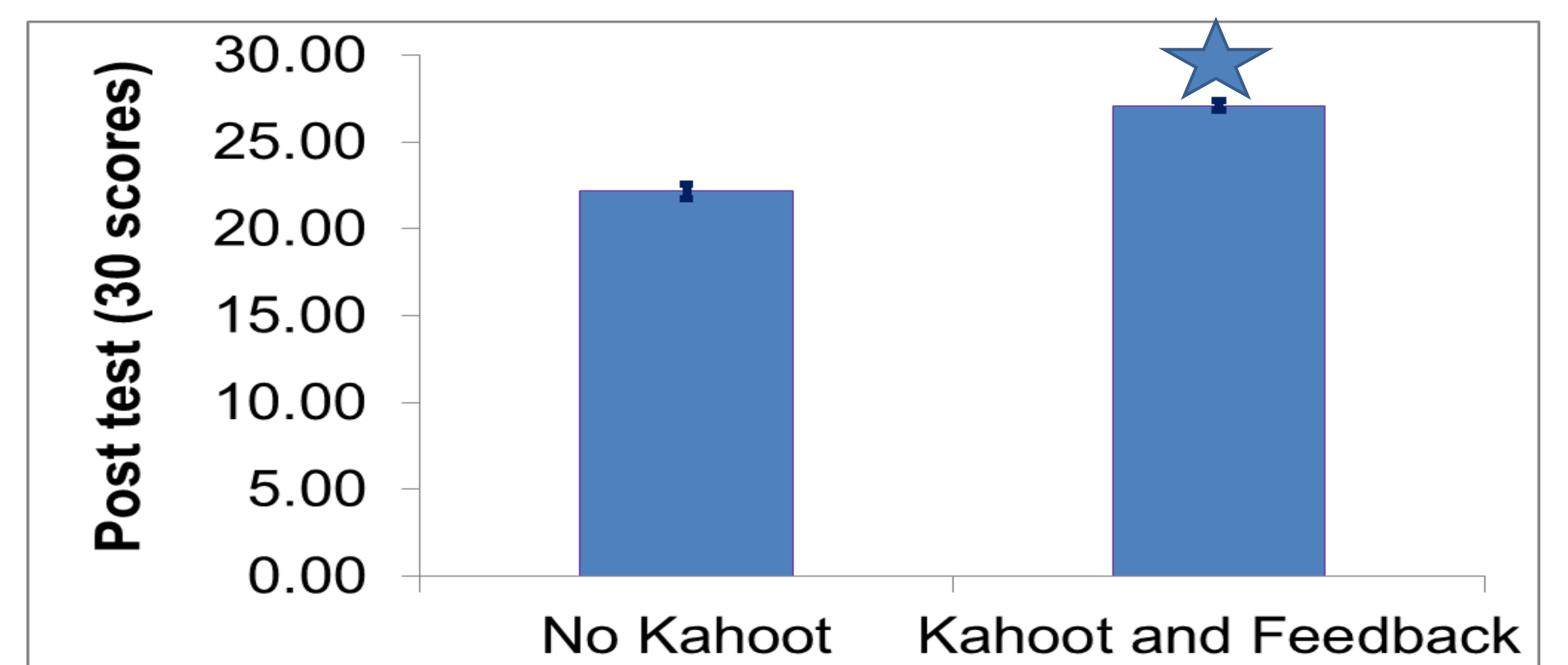


Figure 1: Kahoot improved post test scores in Medical Technology student teaching class, N =60, mean ± SEM. *P < 0.05 significant difference

Kahoot improved Student satisfaction classroom teaching

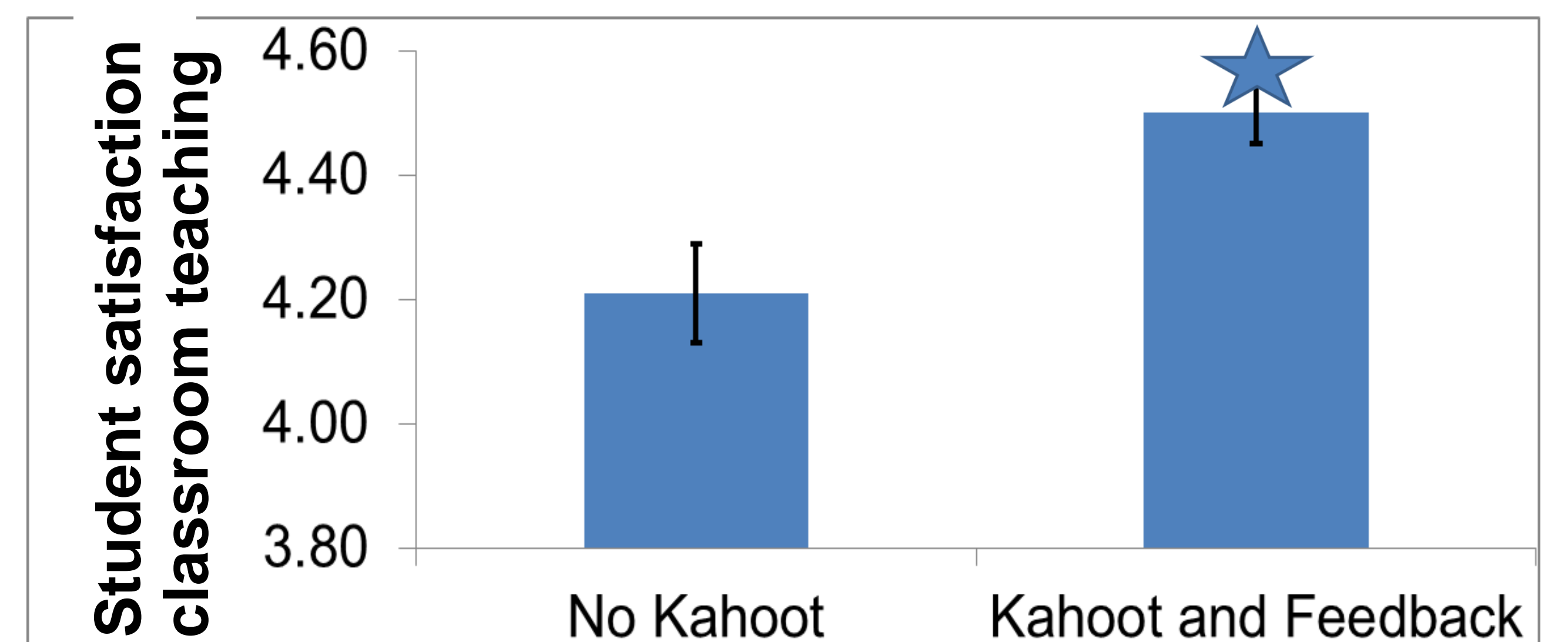


Figure 2: Kahoot improved student satisfaction classroom teaching in Medical Technology student teaching class, N =60, mean ± SEM. *P < 0.05 significant difference

Table 1: Kahoot improved student satisfaction classroom teaching

Student satisfaction classroom teaching	No Kahoot	Kahoot and Feedback
1. Objective and cover area of knowledge	4.22±0.090	4.46±0.061
2. Understanding and Clarify	4.20±0.091	4.49±0.061
3. Media and Technology	4.20±0.092	4.51±0.060
4. Critical thinking and life long learning	4.22±0.089	4.54±0.060
5. Attention and good preparation	4.24±0.091	4.51±0.062

SUMMARY

- ★ Kahoot improved remembering , understanding and post test scores.
- ★ Kahoot improved student satisfaction classroom teaching
- ★ Kahoot supported formative assessment .

