

Utility of Socrative app-based quiz

for teaching MBBS students

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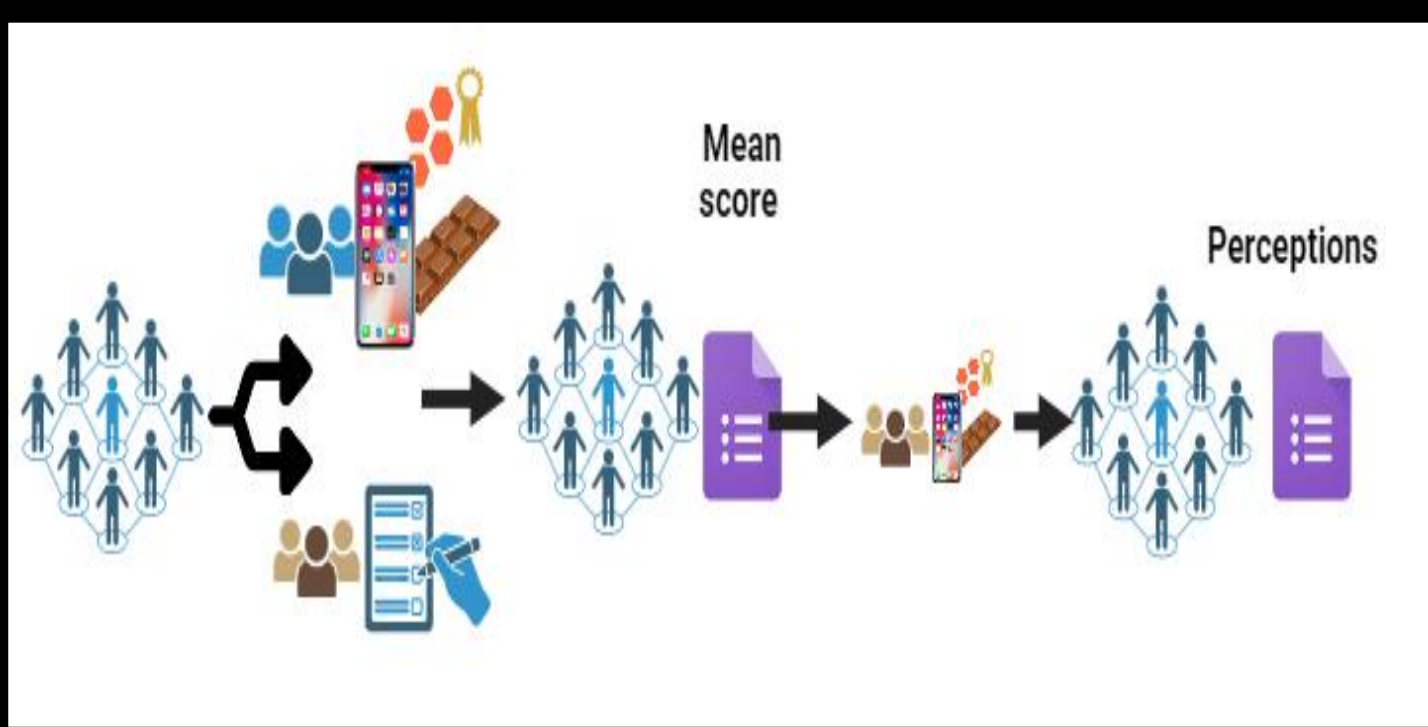
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Introduction

Medical training can be intense and boring for students as well as for teachers. A fun-filled atmosphere and use of digital tools like Kahoot! can make it interesting. Socrative app is user-friendly with good features. There are very few studies that have explored the use of Socrative as a tool for teaching and learning among MBBS students. Hence, we conducted this study to assess the student perceptions and effectiveness of quiz using Socrative app. The aims and objectives of our study were:

1. To assess the student perceptions of quiz using Socrative app.
2. To assess its effectiveness by comparison of mean score between the two groups.

Methodology



A comparative study was done between two groups, after a traditional didactic lecture on the topic hemolytic anaemia. Socrative app- based quiz in team of 2 was given for Batch A, winners were applauded with chocolates as prizes, while written MCQs test was given for batch B. Then a common test was given to both batches and the mean scores compared. Batch B then received Socrative app-based quiz. Perceptions were then taken from both batches.



Results

Total number of students = 126, Batch A n=63, Batch B n=63.

Batch A (Socrative group): Mean (SD)=8.26 (3)

Batch B (Control group): Mean (SD)=8.33 (2.79)

P value = 0.8824

This difference was NOT statistically significant.

Sl no	Perception Statement	Mean	SD
1	How did you like the Socrative quiz?	4.19	0.80
2	Socrative quiz made the lecture lively.	4.24	0.83
3	Socrative quiz made me remember the lecture content better.	4.22	0.83
4	Socrative quiz will make me remember the lecture content for longer time than that following lecture without quiz.	4.24	0.80
5	Socrative quiz kept me active throughout the class.	4.19	0.86
6	Socrative quiz helped me in better understanding of the key concepts.	4.20	0.86
7	Socrative quiz motivates me to prepare and read more.	4.25	0.93
8	Socrative quiz improved the overall learning experience for me.	4.21	0.85
9	Socrative quiz gave me more opportunities for interaction with faculty.	4.12	0.95
10	I would recommend use of Socrative quiz for other classes.	4.25	0.85
11	Overall, I am satisfied with Socrative quiz.	4.25	0.80

Conclusion

Socrative quiz is well perceived by the students and makes teaching-learning fun. However, we did not find any effect on learning with Socrative app-based quiz compared to traditional teaching, probably due to a single session and easy topic. However, more sessions of this on more topics for a longer duration are needed to understand its effect on learning.

References and Acknowledgements

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MEU, FMMC, Students, ACME JNMC.