SINGHEALTH DUKE-NUS EDUCATION CONFERENCE 2019 27 & 28 SEP | ACADEMIA

FORMATIVE ASSESSMENT WITH TECHNOLOGY: PERCEPTIONS OF THE EDUCATOR AND THE LEARNERS

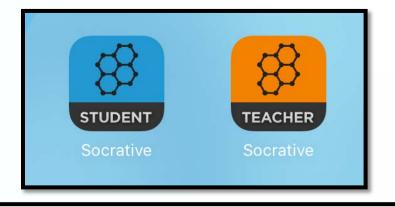
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Purpose

 To explore the perceptions of the educator and learners of using technology as a formative assessment tool for anatomy and physiology module in nursing education

Methods

- Set the objective types of questions in the Socrative Teacher app
- Instruct students to install the Socrative Student app in their mobile phones
- Students log in to the Socrative Student app and answer the questions
- The lecturer checks students' answers and gives explanations for correct and incorrect answers
- Conduct an anonymous online survey to explore students' perception of formative assessment using technology

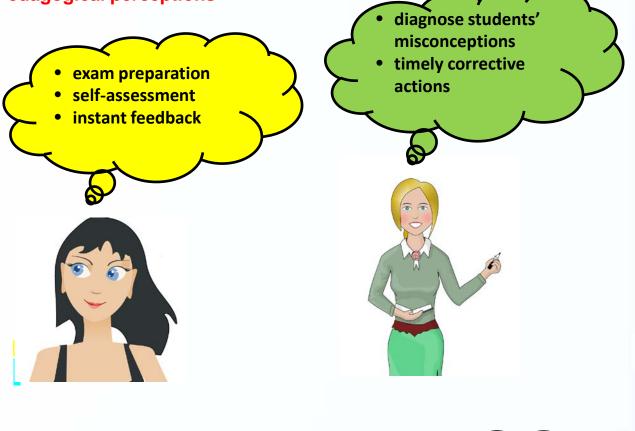


Results

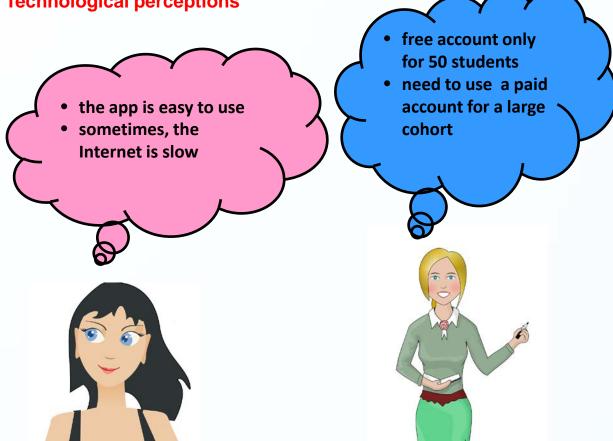
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• 20 students from the accelerated diploma in nursing course participated in the survey

Pedagogical perceptions



Technological perceptions



#1	EDIT Which illustration does BEST describe for a unipolar neuron?	
A ^P		
The Tan	artine him.	É
ANSWEI	R CHOICE	
Α	A	
В	В	
С	C	
D	None of the above.	
Explan Option A	ation: Is a description of bipolar neurons which can be seen in special sense organs.	

Option B is a correct description of unipolar neurons which are sensory neuro	ns.
Option C is a description of multipolar neurons which are motor neurons.	

• • •				ect
 Normal lymphocyte populations are maintained in the \$\exists 116 (A) spleen 6/116 (B) liver 97/116 (C) red bone marrow 8/116 (D) yellow bone marrow 2. Most of the lymph returns to the venous circulation by way of the right lymphatic duct. 38/116 (A) True 	In-class	quiz (9)		Total Questions: 2
 5/116 A spleen 6/116 B liver 97/116 red bone marrow 8/116 v yellow bone marrow 2. Most of the lymph returns to the venous circulation by way of the right lymphatic duct. 38/116 A True 	Most Corr	ect Answers: #1		Least Correct Answers: #2
 6/116 B liver 97/116 red bone marrow 8/116 v yellow bone marrow 2. Most of the lymph returns to the venous circulation by way of the right lymphatic duct. 38/116 A True 	1. No	rmal lymphocyte p	oopulations are maintained	l in the
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	38/116	A True		lon by very or the right

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Conclusion

- Socrative app is one of the examples of using technology as a formative assessment tool
- Interactive assessment
- Timely diagnosis of students' misconception and corrective actions
- A promising tool for facilitating students' learning in higher education

Reference

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