

Escuela de Medicina y Ciencias de la Salud TecSalud

Challenge-based learning: On how students opinion helps the faculty.

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fundamental that 11 Gen Z students take control of their own Out of 109 students, 55 answered the survey. Only 26.7% had clear Q

Do you consider education becomes more effective and dynamic with CBL comparing it with traditional model?

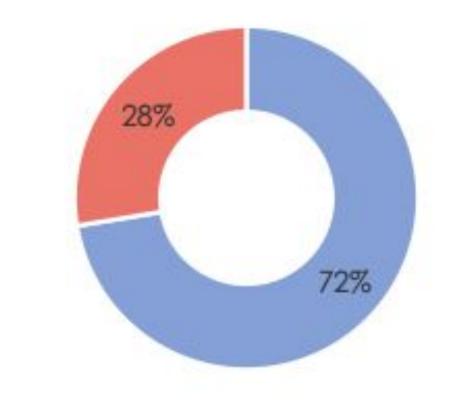
teaching techniques, learning, and adapt to their changing necessities. Hence our aim was to evaluate our student's knowledge the regarding first-semester with curriculum health Challenge-based Learning (hCBL) and obtain feedback on the difficulties they encountered throughout it.

METHODS

understanding of the hCBL curriculum, 36.2% had previously and experienced CBL learning in high school. When asked, 75% of them there wasn't stated a proper introduction to the new learning model.

> Did the new model had a proper introduction?

Yes, enough information was provided.
No, there was lack of information



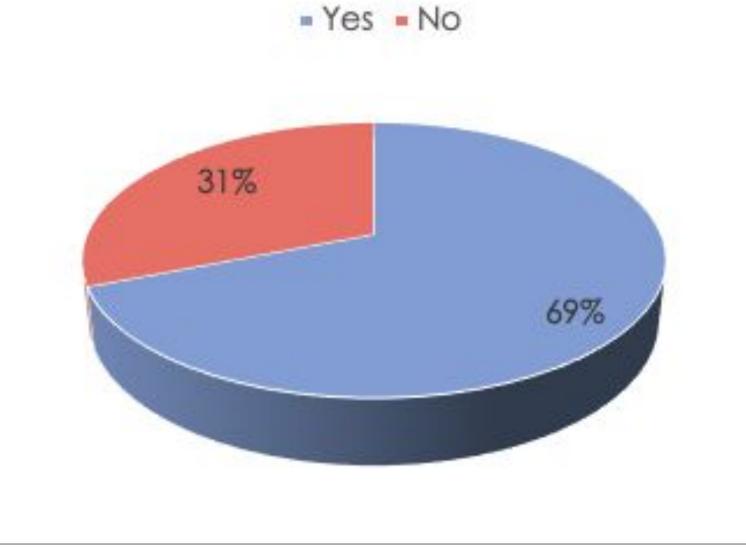


Figure 1. Question from a survey made at the end of the semester

During the course of the semester students were asked about their main learning barrier: "adaptation to the <u>new model</u>" and "<u>transition to a</u> <u>college</u> education" were the most answered. Nonetheless, after the first two months, 70% considered their learning skills improved considerably (e.g. resilience, time management, critical thinking, and collaborative work) and by the end of the semester, 76% of the students considered the challenge helped health them incorporate the theory reviewed during lectures.

On an 18 week semester, divided in 5 week periods interspersed by entrepreneur week, three an questionnaires were sent to 109 science students in 3 health periods. The inquiry different included students' knowledge on hCBL, working areas in the curriculum design as well as own acknowledge of skills needed to successfully achieve through the

Figure 2. Question from a survey made during the semester's first week.

Do you consider that challenges and activities in CBL improve the theory provided in class?

Yes No

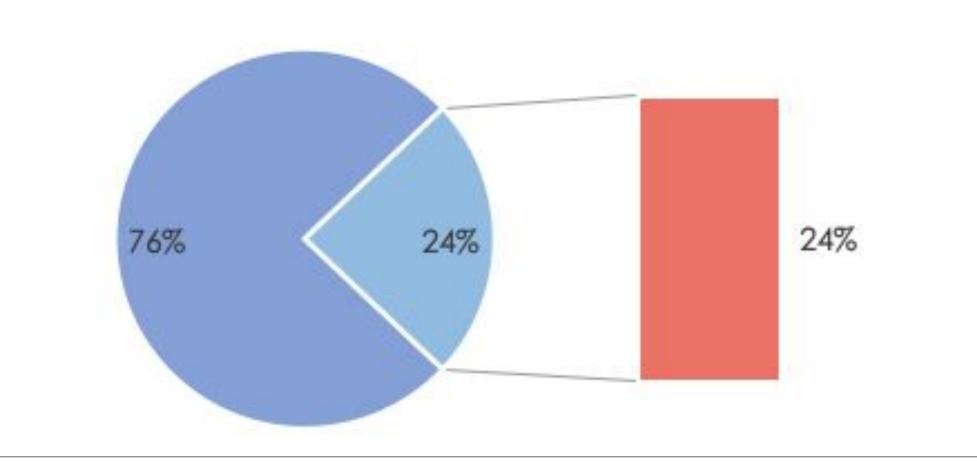


Figure 3. Question from a survey made at the end of the semester.

hCBL model.



CONCLUSIONS

REFERENCES

The implementation of a new curriculum is challenging for both (students and faculty). The results showed the lack of

introduction to the learning formal hCBL difficulties dynamic Oſ and regarding adaptation the and

adjustment to the model. But still they

considered the teaching style fulfills their

expectations.

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