

Telemedicine as a teaching tool for endocrinology in medical students

Iván Quevedo L,* Olga Matus B., Juan Arellano V



Abstract

The medical student is currently immersed in a highly technological society, where telemedicine could be used as an instrument towards greater learning. Objective: The objective of the study is to analyze the achievement of competences and the degree of satisfaction of medical students with the use of telemedicine as a didactic strategy in the teaching of endocrinology. Material and Method: Pre-experimental, correlational, cross-sectional study and measurement after the intervention. The sample consisted of 40 third-year medical students (24 men and 16 women) who performed their endocrinology practice during the second semester of 2017. They were evaluated the achievements in the competences through a scale of appreciation and The degree of satisfaction with the teaching activity was measured through a validated questionnaire (Cronbach's α 0.9565). Results: The performance of the students in the teleendocrinology module when evaluating the competences of analyzing, synthesizing and presenting a teleconsultated clinical case was 6.1 on a scale of 1 to 7, and no differences were found according to sex. 90% of the students considered the teaching methodology based on telemedicine very motivating and 82.5% considered that this methodology favors the integration of the contents. Conclusions: Telemedicine can be used as a tool to evaluate endocrinology academic competences in undergraduate medical students, and that they show a high degree of satisfaction with this type of teaching activity.

Keywords: Endocrinology, Medical education, Undergraduate, Telemedicine.



Biography:

Iván Quevedo, has completed his studies as an internist at the age of 28 at the University of Concepcion, Chile; and completed a specialty of Endocrinology at the age of 31 at the Catholic University of Chile. He is an Assistant Professor at the University of Concepcion and a Master in Medical Education. He has published more than fifteen papers in medical journals.

Speaker Publications:

Genotipificación y resistencia antibacteriana de cepas de *Campylobacter* spp aisladas en niños y en aves de corral.

Vitamin D receptor gene polymorphisms and risk of hip fracture in Chilean elderly women.

Polimorfismos del gen del receptor de vitamina D y riesgo de fractura de cadera en la mujer adulta mayor de la Región del Bío Bío

Genotipificación y resistencia antibacteriana de cepas de *Campylobacter* spp aisladas en niños y en aves de corral

[Annual Virtual Conference on Diabetes and Endocrinology](#) on August 27th, 2020

Abstract Citation: Iván Quevedo, Telemedicine as a teaching tool for endocrinology in medical students, Diabetes – Endocrinology 2020, Annual Virtual Conference on Diabetes and Endocrinology, Dublin, Ireland, August 27th, 2020