

#EP7: ePoster - Clinical Teaching in COVID Era**#EP7.2 Anahuac University - Virtual Hospital. An opportunity for undergraduate medical students for training and assessment in response to COVID-19 (9779)****Date of Session:** 30 August 2021**Time of Session:** 09:00 to 10:30**AUTHOR(S):****Edgar Israel Herrera Bastida, Health Sciences Faculty-Anahuac University Mexico, Mexico***

Diana Jiménez Gonzšlez, Anahuac University - Health Sciences Faculty, Mexico

Monsterrat Urban, Anahuac University - Health Sciences Faculty, Mexico

Francisco Raúl Barroso Villafuerte, Anahuac University - Health Sciences Faculty, Mexico

ABSTRACT:

Background: The COVID 19 pandemic has been an unexpected event for medical schools worldwide; we had to implement solutions for med school students who cannot attend their clinical rotations and avoid a decrease in clinical teaching time and quality. We have created a virtual hospital platform through which professors and students can interact by emulating their clinical rotations, visiting hospital areas, and accessing information sources at all times.

Summary of Work: The Anahuac University, through its SimCenter, worked on the development of a free access internet-based platform that emulates the experience of work and interaction in a real clinical environment called Anahuac University-Virtual Hospital (AUVH) Participants can visit in real-time and pre-recorded the different areas of a real clinical environment, participate in live sessions, accompany doctors in a clinical setting, and participate in VR and 360 cameras places in some areas operating rooms during a procedure. The AUVH has made it possible for students to have had the opportunity to interact with their hospital professors in face-to-face situations, during rotations in real environments, and practice their communication and clinical skills while maintaining their safety.

Summary of Results: Since its inception in August 2020, the AUVH has received 11,480 visits. More than 250 interviews have been carried out with simulated patients. 25 face-to-face courses 2000 consultations to the hospitals virtual library. The assessment of communication skills with this modality compared to the face-to-face one has been measured. It is found that there is no statistically significant difference between the two. Satisfaction surveys reflect great optimism and thanks for this effort to continue practicing and learning using this tool.

Discussion and Conclusions: AUVH will not supply a real clinical setting due to the multiple variables that intervene in the participants perception of realism. However, it is necessary to look for alternatives to continue with the training in a safe environment, allowing the teaching and evaluation processes to be objectively measured because of this pandemic.

Take-home Messages: The COVID19 pandemic has allowed us to experiment, develop and perfect new teaching and evaluation methodologies. The results provide hope to get ahead even in the most adverse conditions for medical education.