

An Analysis of the Perspective of People in Training “Conscripted” to Manage COVID-19 Hospital Patients in Mexico

Gabriela Moreno¹, Miguel Torres Ruiz², Eleazar Lara Padilla², Rosalba Garduño¹, Antonio Franco Vadillo³, José de Jesús Peralta Romero⁴, José Bruno Mendoza Ramírez², Adrian Heald⁵, Nilson Contreras Carreto⁶, and Javier Mancilla Ramírez⁶

¹Secretaria de Salud de Mexico

²Instituto Politecnico Nacional

³Instituto Politécnico Nacional

⁴Hospital de Especialidades Centro Médico Nacional Siglo XXI

⁵Salford Royal Hospitals NHS Trust

⁶Secretaría de Salud de Mexico

January 31, 2021

Abstract

Background In order to address the COVID-19 pandemic, health systems have used all their resources, including health care workers in training. Knowing the insights of these workers is of the utmost importance to generate adequate educative/political/administrative strategies. **Methods** An anonymous cross-sectional online survey was made by the General Directorate of Quality and Health Education in Mexico, in a convenience sample of 6,020 participants who belong to personnel in training for the health area, which included practitioners and professional technologists, undergraduate doctors, nursing, and residents in several specialties. **Results** Different positive and negative feelings were identified by the health workers who participated in facing this health emergency; emphasizing elements such as the need for Personal Protection Equipment (PPE) that, when deficient or lacking, generate concerns that raise questions about the medical/epidemiological attention to the pandemic. Based on an analysis of feelings, 8 main feelings were identified, which by frequency of appearing were: distrust(24.83%), fear(21.97%), sadness(12.45%), anticipation(11.65%), anger(10.71%), disgust(9.69%), joy(4.97%) and surprise(3.72%) which influence health workers in training and their work performance day to day. Concerning their positive and negative evaluation of their experience facing this health emergency, 13.83% of participants had a positive perception about participating in this kind of health emergency to support the country, 49.94% showed a negative evaluation, and 36.23% kept a neutral evaluation about their participation. **Conclusions** The health workers in training in Mexico gave a negative evaluation of the management of the health emergency. Distrust as a response to the absence of timely information from the education/health institutions, as well as concern about lack of personal protection equipment/inputs, are the main conflicts reported. We must establish a credible globally relevant continuity plan for the education of health care personnel in training, facing emergencies and disasters, so that next time we are properly prepared.

Hosted file

Analysis_of_perceptions_2021_(3).pdf available at <https://authorea.com/users/392812/articles/506594-an-analysis-of-the-perspective-of-people-in-training-conscripted-to-manage-covid-19-hospital-patients-in-mexico>

Hosted file

Table_1_C19_Paper.pdf available at <https://authorea.com/users/392812/articles/506594->

an-analysis-of-the-perspective-of-people-in-training-conscribed-to-manage-covid-19-hospital-patients-in-mexico

