

Challenges In Today's Pandemic Treatment

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INTRODUCTION

After one year under COVID-19 pandemic, there is strong data that suggests that regardless the guidelines that are often published or updated, the clinical practice shows a totally different way when facing this infection. This can be found in the diverse kind of treatments are given to the patient as well as in the form of a probable misunderstanding or misinterpretation of information in papers or guidelines published by scientists or researchers but these very same information is carried out purely by clinicians.

AIM:

In this presentation it is intended to show some of the numerous discrepancies between what is written and suggested and what is being carried out when treating patients with COVID-19

MATERIALS AND METHODS:

In this particular case it has been done a review of several novel papers aiming towards the epidemiology, pathophysiology and treatment of COVID-19 infection. Moreover, a resumed explanation of the most important and complete COVID-19 guidelines from all around the globe, as well as some examples of some case reports where in the critique it is outstanding how it is performed the work on these patients, and in addition to this, a proper glance towards how public media interprets and report these phenomena.

RESULTS:

In this particular work there is not a proper result section. However, it is worthy to notice that some of the various mistakes committed in the clinical practice is because of a lack of understanding in statistics, and on the other hand at the same time, there are some confusing features coming from the research part, and this might be explained by the lack of information or misinterpretation of data when it is in vivo and in vitro. As a result of this, a non-beneficial communication between medicine and science community is taking place, causing an alarming situation since this means not only delaying on the pandemic control but also human lives and expenses.

CONCLUSIONS:

A tremendous misunderstanding as well as misinformation is taking place around the globe, mainly because a very probable misunderstanding between the language that is spoken among scientists and researchers with clinicians and vice versa, giving as a result that in many of these mistakes may be because of a lack of training in some basic disciplines such as pharmacology, physiology and statistics. It is mandatory to acknowledge this issue so more efficient communication and treatment can be carried out.

KEYWORDS:

COVID-19, Discrepancy, , Review

BIOGRAPHY:

Jorge Trujillo Mendoza is a clinician that has completed his MBBS at Universidad Autónoma de Guadalajara, Mexico and already finished also his MSc in Microbiology at the University of Aberdeen, UK. Currently he has teamed-up with a cardiology team treating acute COVID-19 patients and assessing lung and heart damage in post COVID-19 patients. He is also studying his fourth language, German, and looking to join and begin his PhD in Microbiology/ Bioinformatics.

