



## Novel COVID-19 Treatment with Novel Therapy

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The main purpose of this research is to laid down a new concept so to save lives of corona infected patients. As coronavirus is spreading widely in all over the world and many deaths have been reported due to this life threatening disease. So in this study, a new strategy has been introduced for the very old vitamin D in order to put forward that how vitamin D can be used as a primary precursor for the treatment of novel coronavirus as vitamin D is very important in boosting immune system.

Now there comes how Vitamin-D can cure this pandemic and it is because of the "like dissolves like" principle. As Vit-D is a fat soluble vitamin and it will dissolve the lipid layer of coronavirus leading to its inactivation. Also it is evident from the outbreak of the coronavirus as it is more common in those countries where sunlight is not as sufficient as it should be. Secondly the glycoproteins (the outer sweet coating of cells) in the coronavirus leads to increase in blood glucose level of diabetics so the diabetic person is more prone to death. The mortality rate is also much more in hypertensive patients because lack of water due to shrinkage of cells that defines SAR (Structural activity relationship; explained in conclusion) and give rise to antidiuretic action leading to increase in blood pressure. All this can be viewed through patient files who are the victims. Hence, the suspected people and most importantly the diabetics and hypertensives should take plenty of water in order to compensate the blood glucose and blood sodium potassium ratio.

In conclusion, the infected individual must be hydrated as the hydroxyl (-OH) group of cholecalciferol will react with -H of the acidic group (amino acids) of proteins that coronavirus contains to form water and the outside of the cell will shrink leaving the person dehydrated and that is why the mortality rate is higher in diabetics and hypertensive patients as the glucose and the ions become more concentrated in blood due to lack of water. So to avoid from being infected with coronavirus, one should hydrate his/herself and also the daily intake of Vitamin D should be 1,000 to 4,000 IU and so on depending upon the immune competency of the patient. This is the most cost-effective treatment that every patient can easily afford it and we don't need to have any budget plan. In this way we can decrease the mortality rate.

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