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Diabetes Mellitus a New Challenge for World

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ABSTRACT


Diabetes increased inflammatory response among Covid patients, spiking their blood sugar levels. It then complicated the course of Covid, resulting in excess morbidity and mortality, as well as posing severe challenges in the recovery of patients.

"During Covid patients were succumbing to it, not because of the original disease, but because despite all other efforts their glucose levels remained high. Thus recognising glucose as a vital sign very similar to blood pressure and pulse rate, respiratory rate, became more necessary during the pandemic," Jothydev Kesavadev from Jothydev's Diabetes Research Centres, Kerala, told IANS.

"Studies from all over the world show that the majority of the deaths from Covid were linked to high glucose values, and this includes both patients with no diabetes and with the new onset of high glucose," he added. Further, the use of steroids, to control the serious manifestations of Covid-19, worsened the glucose levels in the patients.

High blood sugar levels, coupled with increased use of steroids, also led to other complications such as an unprecedented surge in cases of mucormycosis, commonly known as black fungus. It is a fungal infection, which occurs by inhalation of spores and can disseminate to various organs rapidly.

Key Word :Diabetes Melitus, Insulin, hyperglycaemia , Nutrient, Gene, Calorie

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