



ANALYSIS OF GLYCEMIA AND GLUCOSURIA IN PATIENTS WITH DIABETES AND COVID-19

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Annotation:

Diabetes mellitus with sick people with COVID-19 illness probability another population to the number than more _ That's it with together , seriously chronic to diseases played people , that 's it including sugary in diabetes , the disease more heavy pass and complications danger high _ That's why for to diabetes played patients with the disease of COVID-19 prevention get according to all common to the rules strictly compliance to do as well as one series special prevention measures and the disease COVID-19 according to actions the plan to see need [1].

Keywords: diabetes mellitus , Covid 19, blood , urine , glucose , type 2 diabetes .

Relevance:

Diabetes mellitus - this is a chronic disease accompanied by metabolic diseases in children or adults, which consists of an increase in the amount of glucose in the blood, as well as a lack of its own insulin. The disease is complicated by weakness, constant thirst, poor healing of skin wounds, decreased immunity, obesity, arterial hypertension, heart and kidney failure [2].

"Diabetes is like dynamite if you get COVID-19," not only does diabetes increase the risk of complications from the coronavirus, but it is believed that COVID-19 can cause severe illness.[3]

Diabetes due to COVID-19 about the high mortality rate of patients with diabetes, it was determined the relevance of analyzing risk factors for the negative outcomes of the disease in diabetes management tactics of this category of patients.





The World Health Organization (WHO) on March 11, 2020, declared a global pandemic of the new coronavirus infection, COVID-19, which affected 187 countries around the world. [4].

Diabetes As a co-morbidity, it is considered as one of the risk factors for negative outcomes in COVID-19. diseases) [5].

Doctors working in infectious diseases hospitals say that none of those infected with the coronavirus left the hospital as a completely healthy person. These complications can last for weeks or even months. Complications after the coronavirus are called post-covid syndrome [3].

The goal: In patients with diabetes, the coronavirus infection has been shown to cause serious changes and severe complications, even with a high mortality rate.

Research materials and methods: Diabetes mellitus at the multidisciplinary clinic of the Tashkent Medical Academy as a research object 100 treated with type 2 and diagnosed with Covid 19 examination of the patient 's medical history . Patients are divided into the following groups:

- Group 1 25 (25 %) patients with moderate type 2 diabetes without COVID-19 .
- Group 2 25 (25 %) patients with severe type 2 diabetes mellitus without COVID-19 .
- Group 3 25 (25 %) patients with moderate severity of COVID-19 and type 2 diabetes .
- Group 4 25 (25 %) patients with severe disease of COVID-19 and type 2 diabetes.
- **25** healthy individuals of the same age and gender were taken as the control group.

Control methods: Blood and urine samples of the main and control groups will be determined.

Conclusion:

From the obtained results, it can be concluded that type 2 diabetes depends on the severity of the infection, increases the level of glycemia and glucosuria, reduces the effectiveness of treatment, which makes it necessary to control the amount of glycemia and glucosuria.

Clinical diagnostic analysis own on time transfer the disease heavy level even positive the results cause releases .



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