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Research Article

**A RESEARCH STUDY ON THE GREAT STORM OF THE  
COVID-19 HOW WE MANAGE THE HYPERGLYCEMIA IN  
MAYO HOSPITAL LAHORE**<sup>1</sup>Aroosa Khalid, <sup>2</sup>Sara Ansari, <sup>3</sup>Javeria Tariq<sup>1</sup>Bahawal Victoria Hospital, Bahawalpur**Article Received:** October 2020    **Accepted:** November 2020    **Published:** December 2020**Abstract:**

*We performed this study in the Mayo hospital Lahore. It is observed that the patient have the type 2 diabetes and the corona virus at the same time the condition become very crucial this time. Covid 19 and the type 2 diabetes are the most spreading diseases in the world about 12 million people died due to the type 2 diabetes in the world. So you can take the result from this that how it takes the lives of human what is this disease and how it takes the lives of millions of the human. In type 2 diabetes patient have the higher level of sugar and the glucose level of the body very high. We observed this in previous studies that how the human level of sugar and the glucose level in the human we also observed that the we performed the different studies on the mices and also the hc subjects. It is observed that the how the type 2 diabetes exist in the insulin therapy we increases the production of beta cells so that the proper observance of insulin exist in the body and the patient starts healing. Now the covid 19 is usually called the corona virus its starts in the big city of china called Wuhan it is a disease that covers entire world. It is observed that this disease comes from the rats. This disease spread as a fire in the entire world. It is observed that the patient have the type 2 diabetes and the virus same the condition become very crucial in this case. It is observed that the how we implement the glucose and the insulin level at the same time. It is observed that the it is the great challenge for the mayo hospital Lahore. It is observed that the patient have the respiratory disease called the corona virus called covid and also have the disease called the type 2 diabetes in this the condition of the patient become crucial.*

**Keywords:** Covid-19, type 2 diabetes, crucial condition, maintenance of the glucose and the hyperglycemia.**Corresponding author:****Aroosa Khalid**

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QR code



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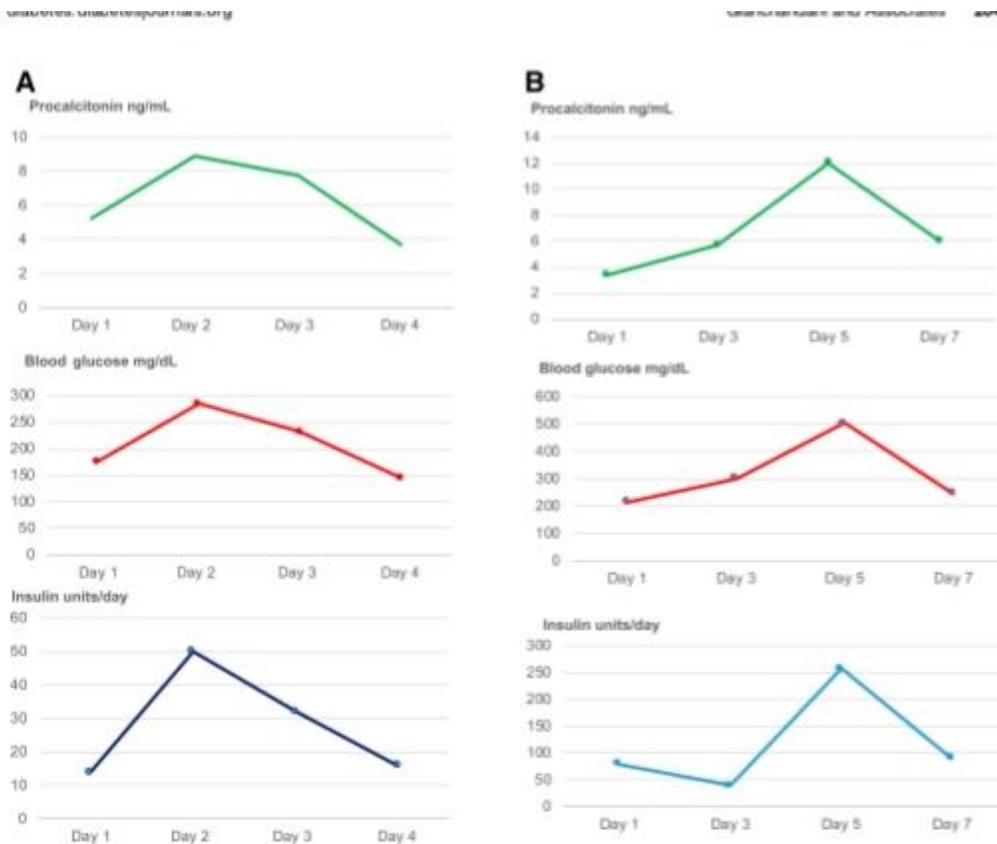
**INTRODUCTION:**

The disease called the corona virus is the most spreading disease in the world it is observed that the over the 4 million cases are confirmed this cases are only the confirmed cases but this disease is still growing. It is observed that the how the type 2 diabetes exist in the insulin therapy we increases the production of beta cells so that the proper observance of insulin exist in the body and the patient starts healing. Now the covid 19 is usually called the corona virus its starts in the big city of china called Wuhan it is a disease that covers entire world. It is observed that this disease comes from the rats. This disease spread as a fire in the entire world. It is observed that the corona virus effects the all type of humans still they have another disease or not they are male or female it effects all. But the people who have the strong human respiratory system and the strong type of the immune system are able to manage with that type of the disease. The result of the patient have the covid 19 and the patient have the hypertension

increases the chances of more of dangerous as the whole world fighting with the corona virus. It is observed that the there is a bio connection between the chronic inflammation and the hyperglycemia.

**METHODOLOGY:**

As we studied above the corona virus is the most important disease in the entire world. It is observed that this disease is spreading like a fire in the entire world. To find the how we maintain a hyperglycemia in the mayo hospital Lahore. This study is performed in the mayo hospital Lahore. We have the profile of the patient having the covid 19 and the other disease called the hypertension and other life taking diseases. Following figure will show that the we selected the patient as we want according to the null criteria that have suffering from the covid 19 and have the problem of the respiratory system called the corona virus. And the maintenance of the hyperglycemia in the following figure.



In this studied we had find that there is a some relation between the blood glucose level and the serum level of the insulin as shown in the above figure. It is observed that the patient have the diabetes having not the any complex relationships. In

the following figure it is shows that the how the insulin dosing and which type of insulin we uses and how much we uses the insulin and on what time we gave the insulin to the patient. It is observed in the following table as shown in the following table



**DISCUSSION:**

In this we will show that the how and what treatment is given to the patient have the type 2 diabetes and also have infected from the covid 19. It is observed that the how the type 2 diabetes exist in the insulin therapy we increases the production of beta cells so that the proper observance of insulin exist in the body and the patient starts healing. Now the covid 19 is usually called the corona virus its starts in the big city of china called Wuhan it is a disease that covers entire world. It is observed that this disease comes from the rats. This disease spread as a fire in the entire world. It is observed that the corona virus effects the all type of humans still they have another disease or not they are male or female it effects.

**CONCLUSION:**

In this studied we will find that how the insulin and the glucose level of the body in the covid 19 patient and also have the diabetes. It is also observed that the patient have the type 2 diabetes have the highest level of sugar and the glucose level. It is also observed that the how we manage the hyperglycemia in this study. It is observed that the controlling the glucose level of the body is the very difficult step. We studied above about the tables of how the insulin is injected how much insulin is injected and which type of insulin is injected in the body it is a very difficult step to treat these two diseases it is observed that the patient have the diabetes and the covid 19 both are in the crucial position and both don't have any chances of live but the mayo hospital lahore is manage to treat these two diseases and have the proper treatment. In this studied we had find that there is a some relation between the blood glucose level and the serum level of the insulin as shown in the above figure. It is observed that the patient have the diabetes having not the any complex relationships. In the following figure it is shows that the how the insulin dosing and which type of insulin we uses and how much we uses the insulin and on what time we gave the insulin to the patient. It is observed in the above table as shown in the above table.

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