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by Jah Jah

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Peer ¹Response

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Peer 1 Response

It is clear that type 1 diabetes mellitus arises when the immune system of an individual's body destroys the beta cells producing insulin. It is also true that the disease occurs in childhood, and this implies that children also experience signs and symptoms. Clearly enough, the signs develop very quickly, and may include frequent urinating and increased thirst. The environmental factors such as water pollution and stress greatly influence the infection. Type 2 diabetes mellitus is somehow different from type 1. As you have stated, the disease is involved with the secretion of defective insulin and also the peripheral insulin resistance. This type of diabetes mellitus is greatly influenced by the mentioned environmental factors. You have also well explained DKA, stating that it is a major life-threatening complication of diabetes. Long term effects of this condition also involve nausea and vomiting.

Follow up Question: What are the signs that an individual's blood sugar is too high or low?

Peer 2 response

You have well started the paragraph by stating effective treatment methods for type 1 diabetes mellitus. As you have stated, it is true that daily insulin injections can greatly help to maintain safe insulin levels. Blood sugar levels, being a key factor to consider in the treatment of diabetes, it is therefore essential to keep regular checks on the sugar levels, as well as maintaining healthy diets and physical exercise. You have also well outlined the types of insulin that can be used to treat diabetes. For the type 2 diabetes, oral medication that involves ways to lower the levels of blood sugar and inhibit their absorption would be ideal to treat the disease. As you have stated, fluid replacement is very crucial for the treatment of DKA, due to the dehydration that takes

place. As stated, insulin therapy is also good for the disease's treatment, as it can reverse the process causing the disease.

Follow up Question: Are there any side effects associated with the treatment of DM and DKA?

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