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Autoimmune Disorders: A Brief Appraisal

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Abstract

In general, a majority of diseases disrupting the normal system of human are essentially caused by bacteria or viruses. They somehow enter the human body and slowly erodes the functioning of the overall system. It is no surprise that sometimes our own cells may become enemies for us. They may cause severe disruptions in the normal function of the body

Keywords Autoimmune Disorders

Introduction:

In general, a majority of diseases disrupting the normal system of human are essentially caused by bacteria or viruses. They somehow enter the human body and slowly erodes the functioning of the overall system. It is no surprise that sometimes our own cells may become enemies for us. They may cause severe disruptions in the normal function of the body. This particular aspect is categorised as autoimmune disorder. This disorder occurs when our body's immune system becomes hyperactive. It then attacks the healthy body tissues by mistake, wreaking havoc on our body. Our bodies immune system helps protect us against harmful invasion of hazardous substances which include bacteria, viruses as well as toxins. These harmful substances are considered as foreign to the body. It does so by producing antibodies which destroy these harmful substances. When you have an auto immune disorder, as a result, the infected body can not differentiate between healthy body tissues and foreign substances.

As a result, the body sets off a reaction that destroys the normal tissues. We can have a glimpse at the existing autoimmune disorders. We know how to avoid Type 2 diabetes, exercise regularly, maintain a healthy diet. These with type 1 diabetes however do not get much of say. Normally, the pancreas in our bodies contain cells that produce insulin. This insulin keeps our blood sugar levels in check by converting glucose into energy. On the other hand, those with type 1 diabetes have an immune system destroying these cells. In those patients, diminution as well as obstruction of insulin production happens. This leads to uncontrollable handling of glucose without the aid of insulin. As a result, chronic spikes in blood sugar levels can occur, potentially leading to blindness, nerve damage, kidney failure, heart disease, stroke and even death.

Gravis disease is an autoimmune disease of the thyroid. It occurs when antibodies induce the thyroid to secret too much thyroid hormone, which can lead to tremors, red skin, and an irregular heartbeat. Thyroid hormones control how your body uses energy, so they affect nearby. Every organ in your body-even the way your heart beats.

Thyroid hormones control how our body uses energy spanning exhale-inhale operation leading to heartbeats. Apart from this, multiple sclerosis can be referred to as another potential autoimmune disease. Here itself, the central nervous system, brain optic nerve, spinal cord are invaded by this disease. One can easily apprehend how much impactful these diseases can be once they are diagnosed in a patient body. More importantly, there must be rigorous tests before coming to conclusion. Few prominent symptoms such as muscle spasms, problematic vision, changes in brain system need mention. As these diseases are not curable, as such only strategy is to lessen them from happening via special special medics and rehab.

In the same way, we can cite another autoimmune disorder known as Lupus. This disorder is not easy to diagnose. However, after long research, specialists refer distinctive rashes resembling wings of butterfly occurring in both cheeks of diagnosed patient. However, the diagnosis becomes more difficult as two persons diagnosed with same Lupus do not show similar symptoms. Additionally, being a chronic disease, it has the



chances of rapid diagnosis. Patients suffering from Lupus are aggravates making it difficult for the patient to run, walk or bend found to have a mild case of episodes. This is often referred to as or put any weightier object on joints. flares where all the symptoms worsen for a while. Surprisingly, these symptoms are found to vanish after a while even in some Precisely, autoimmune diseases are influence by genetic and cases.

Another significant disorder includes Rheumatoid Arthritis which generally affect one in every 100 people around the world [4-5]. The system of the affected person mistakenly directs antibodies to the lining of joints which results in inflammation as well as sourness of the tissues between joints. Chronic inflammation impacts the neighbouring bones and cartilage. Cartilage bears a significant role as it basically cushions the joints. When there is excess erosion due to this disorder, patient suffer from acute pain

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potential of damaging any part of the body thus aggravating its during movement. With the passage of time, situation more

environmental factors. These two factors in turn impact the susceptibility to autoimmunity in couple of stages. In essence, we can mention that these genetic and environmental factors have long lasting impression on the responsivity of the immunity system at large as well as target tissues [1-2]. There is no getting around it; autoimmune disorders are complicated, and they are serious. In such cases, it has to be met with diligence. Once we get any chronic symptoms, it is better to approach the physician immediately before matters take a grave shape.

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